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# SENSITIVE SPECIES of NEVADA

## 1990 REPORT

**Bureau of Land Management**
**Ely District**

**Nevada Natural Heritage Program**
**123 W. Nye Lane, Room 168**
**Carson City, NV 89710**

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Denver Federal Center
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Denver, CO 80225

# Key to the Sensitive Species List

**Protection Status**

Federal Status Key

The standard abbreviations for federal endangerment status as published in the Federal Register by the USFWS, Office of Endangered Species. The status for candidates and their meanings are discussed in each Federal Register notice. The following is a list of the standard USFWS abbreviations used in this field.

**LE** = Listed endangered
**LT** = Listed threatened
**LELT** = Listed endangered in part of range, threatened in a different part
**PE** = Proposed endangered
**PT** = Proposed threatened
**PEPT** = Proposed endangered, threatened
**C1** = Candidate, category 1
**C1*** = C1, but lacking known occurrences
**C1**** = C1, but lacking known occurrences, except in captivity/cultivation
**C2** = Candidate, category 2
**C2*** = C2, but lacking known occurrences
**C2**** = C2, but lacking known occurrences, except in captivity/cultivation
**3A** = Former candidate, rejected because presumed extinct
**3B** = " " , rejected because a synonym or hybrid
**3C** = " " , rejected because more common or adequately protected
**S/A** = Similarity of appearance species
**XN** = Nonessential experimental population
**XE** = Essential experimental population

State Status

**NRS:** (Fauna) State protection under NRS 501.331, NRS 501.337, NRS 501.375, NRS 501.386. (Yes /No)
**NRS:** (Flora) State protection under NRS 527
**CE:** Critically endangered
**CY:** Cactus and Yucca Law
**#:** Recommended for critically endangered, pending formal listing

**NNNPS:** Northern Nevada Native Plant Society Sensitive Species List:
**PE** - Possibly extinct
**W** - Watch
**D** - Deleted
**E** - Recommended federal endangered
**T** - Recommended federal threatened

## Key to the Sensitive Species List

### Protection Status

#### Federal Status Key

The standard abbreviations for federal endangerment status as published in the Federal Register by the USFWS, Office of Endangered Species. The status for candidates and their meanings are discussed in each Federal Register notice. The following is a list of the standard USFWS abbreviations used in this field.

LE = Listed endangered
LT = Listed threatened
LELT = Listed endangered in part or range, threatened in a different part
PE = Proposed endangered
PT = Proposed threatened
PEPT = Proposed endangered, threatened
C1 = Candidate, category 1
C1* = C1, but lacking known occurrences
C1** = C1, but lacking known occurrences, except in captivity/cultivation
C2 = Candidate, category 2
C2* = C2, but lacking known occurrences
C2** = C2, but lacking known occurrences, except in captivity/cultivation
3A = former candidate, rejected because presumed extinct
3B = " " , rejected because a synonym or hybrid
3C = " " , rejected because more common or adequately protected
S/A = Similarity of appearance species
NM = Nonessential experimental population
XE = Essential experimental population

#### State Status

NRS: (Fauna) State protection under NRS 501.331, NRS 501.337, NRS 501.375, NRS 501.385. (Yes \No)
NRS: (Flora) State protection under NRS 527
CE: Critically endangered
CY: Cactus and Yucca Law
V: Recommended for critically endangered, pending formal listing

NNNPS: Northern Nevada Native Plant Society Sensitive Species List:
PE - Possibly extinct
W - Watch
D - Delisted
E - Recommended federal endangered
T - Recommended federal threatened

**County:**

| | | |
|---|---|---|
| **NVNYEX** - Nye | **NVELKO** - Elko | **NVWASH** - Washoe |
| **NVLAND** - Lander | **NVEURE** - Eureka | **NVPERS** - Pershing |
| **NVSTOR** - Storey | **NVLYON** - Lyon | **NVHUMB** - Humboldt |
| **NVCLAR** - Clark | **NVCHUR** - Churchill | **NVLINC** - Lincoln |
| **NVDOUG** - Douglas | **NVESME** - Esmeralda | **NVMINE** - Mineral |
| **NVWHIT** - White Pine | | |
| **NVCARS** - Carson City | | |

**Township/Range:** "0's" replace "T" and "R" respectively.
**U** - Unsurveyed

**Precision:** Accuracy of locality mappable within ...
- **S** - three second radius
- **M** - one minute radius
- **SC** - Confirmed, exact
- **SO** or **MO** - Obscure, element and/or appropriate habitat not found in indicated area
- **G** - quad or placename
- **U** - unmappable

**Elevation:** Reported in feet.

**Ownership/Mgmt.:**
- **BLM** - Bureau of Land Management
- **USFS** - U.S. Forest Service
- **USFWS** - U.S. Fish & Wildlife Service
- **DOE** - Department of Energy
- **DOD** - Department of Defense
- **NPS** - National Park Service
- **BI** - Bureau of Indian Affairs
- **USAF** - U.S. Air Force
- **NTS** - Nevada Test Site
- **Nellis BGR** - Nellis Bombing and Gunnery Range
- **NSP** - Nevada State Parks
- **NDOW** - Nevada Division of Wildlife
- **NDOT** - Nevada Department of Transportation

Note: If BLM is not designated as being an Owner/Manager on the data sheet it has been assumed that there is an association with the owner or the element occurs near ownership boundaries. We have additional items in our database (localities on private lands and other managed areas adjacent to BLM lands) that are not included in our print outs, even though they do occur within various BLM Districts. This is particularly true for fish data.

County: NYEVEX - Nye NYELKO - Elko NYWASH - Washoe
NYLANG - Langdon NYEUREK - Eureka NYPERSH - Pershing
NYSTOR - Storey NYLYON - Lyon NYHUMBO - Humboldt
NYCLAR - Clark NYCLNUR - Churchill NYLINC - Lincoln
NYDOUGL - Douglas NYESMER - Esmeralda NYWHITE - Mineral
NYWHITE - White Pine
NYCARS - Carson City

Township/Range: "N's" replace "T" and "E" respectively.
S - Unsurveyed

Precision: Accuracy of locality mappable within ...
S - three second radius G - grid or placename
M - one minute radius U - unmappable
SC - Confirmed, exact
NO or NO - Observed, elsewhere and/or appropriate habitat not found in indicated area

Elevation: Reported in feet.

Ownership/Dept.:
BLM - Bureau of Land Management
USFS - U.S. Forest Service
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DOE - Department of Energy
DOD - Department of Defense
NPS - National Park Service
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USAF - U.S. Air Force
NTS - Nevada Test Site
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Note: If BLM is not designated as being an Owner/Manager on the data sheet it has been assumed that there is an association with the owner of the element occurs near ownership boundaries. We have additional items in our database (localities on private lands and other managed areas adjacent to BLM lands) that are not included in our print outs, even though they do occur within various BLM districts. This is particularly true for fish data.

# BIRDS

| CYGNUS BUCCINATOR<br>TRUMPETER SWAN | PROTECTION STATUS<br>FEDERAL: NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: ELEVATION: 5847 COUNTY: NVWHIT
LAST OBSERVED : PRECISION: G

TOWNSHIP/RANGE: 021N055E QUADNAME: EUREKA
SECTION: 34 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NEWARD VALLEY NEAR EUREKA

GENERAL SITE DESCRIPTION:

SPECIES DATA:
A PROBABLE NESTING SITE.

INFO SOURCE: RYSER,F. 1985.127.

OWNERSHIP/MGMT.: BLM/ELY,PRIVATE/ELDRIDGE RANCH

# FISHES

| CATOSTOMUS CLARKI INTERMEDIUS<br>WHITE RIVER DESERT SUCKER | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1980 ELEVATION: 5747 COUNTY: NVWHIT
LAST OBSERVED : 1980-07 PRECISION: SC

TOWNSHIP/RANGE: 012N061E QUADNAME: PRESTON
SECTION: 02 TOWNSHIP COMMENT: NE4NW4NE4

DIRECTIONS TO SITE:
PRESTON BIG BPRING 2 MI NW OF PRESTON

GENERAL SITE DESCRIPTION:
21 DEGREE WATER.

SPECIES DATA:

INFO SOURCE: WILLIAMS AND WILLIAMS. 1982.

OWNERSHIP/MGMT.: PRIVATE/PRESTON

| CATOSTOMUS CLARKI INTERMEDIUS<br>WHITE RIVER DESERT SUCKER | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: ELEVATION: 5598 COUNTY: NVWHIT
LAST OBSERVED : 1989-06-15 PRECISION: SC

TOWNSHIP/RANGE: 011N062E QUADNAME: LUND
SECTION: 04 TOWNSHIP COMMENT: NE4NW4NE4

DIRECTIONS TO SITE:
LUND SPRING 1/2 MI SE LUND (LUND TOWN SPRING)

GENERAL SITE DESCRIPTION:

SPECIES DATA:
LARGE POPULATION, SCHOOLS UNDER ROOTS AND VEGETATION.

INFO SOURCE: DEACON, JIM AND JACK WILLIAMS. 1984., CLEMMER.

OWNERSHIP/MGMT.: PRIVATE/LUND SPRINGS

| CRENICHTHYS BAILEYI ALBIVALLIS<br>PRESTON WHITE RIVER SPRINGFISH | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1982 ELEVATION: 5747 COUNTY: NVWHIT
LAST OBSERVED : 1989-06-15 PRECISION: S

TOWNSHIP/RANGE: 012N061E QUADNAME: PRESTON
SECTION: 02 TOWNSHIP COMMENT: NE4NW4NE4

DIRECTIONS TO SITE:
PRESTON BIG SPRING, 2 MI NW PRESTON

GENERAL SITE DESCRIPTION:
COOL SPRING, 21 DEGREES CENTIGRADE. DISCHARGE 643 CUBIC FT PER MIN. 1989 - CLEAR W/LUDWIGIA.

SPECIES DATA:
SINGLE POPULATION. 1989:POPULATION ABUNDANT, BREEDING, WITH RHINICHTHYS OSCULUS, NO GUPPIES.

INFO SOURCE: WILLIAMS, JACK., CLEMMER, GLENN.

OWNERSHIP/MGMT.: PRIVATE/PRESTON

| CRENICHTHYS BAILEYI GRANDIS<br>HIKO WHITE RIVER SPRINGFISH | PROTECTION STATUS<br>FEDERAL: LE NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1985 ELEVATION: 3880 COUNTY: NVLINC
LAST OBSERVED : 1985-03-09 PRECISION: SC

TOWNSHIP/RANGE: 004S060E QUADNAME: HIKO
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HIKO SPRING 1/3 MI E OF HIKO

GENERAL SITE DESCRIPTION:

SPECIES DATA:
EXTIRPATED IN 1967. RESTOCKED (FAILED?). 36 RESTOCKED 22 MAR 1984. 35 RESTOCKED 24 JAN 1984. 39 RESTOCKED 2 MAY 1985.

INFO SOURCE: DEACON, JIM.

OWNERSHIP/MGMT.: PRIVATE/HIKO SPRING,BLM/ELY

COMMENTS\NOTE': PRIVATE\HIKO SEKINE'HIM\RIX

INFO SOURCE: DEYCOR' GIM'

VERIFIED BY JUN 1984' as VERIFIED 3 MAY 1984'
EXTINCTVIEW 1984' VERIFIED (ANTIVED)' on VERIFIED 23 MAR 1984' 16
SPECIES DATA:

CURRENT SITE DESCRIPTION:

HIKO SEKINE 7\3 KI & OL HIM
DIRECTIONS TO SITE:

SECTION: 14 COMMENTS COMMENTS:
COMMENTS\BANCE: 0008080008 COORDINAT: HIKO

FIRST OBSERVED : 1888-09-08 PRECISION: 8C
FIRST OBSERVED: 1888 ELEVATION: 1880 COUNTRY: MARTING

| | |
|---|---|
| HIKO WHITE WINGED SEKINCHIM<br>CHENICHEHAE BAILEAI CHYNDIS | NUMBER: E\V<br>SEX: IE NUM: NEO<br>PROTECTION STATUS |

COMMENTS\NOTE': PRIVATE\PRESION

INFO SOURCE: MATTINS' 'TUCK'' CHENICHEK' GIEHM'

CONTINS' NO REPORTS'
SINGLE POPULATION' 1984:10POPULATION VANDRAL' PRESENT' BLAK ANTHICHAHAE
SPECIES DATA:

CITEM A\TOPOLIGIY'
COOT BEHINS' 3C DESCRIBES CHENICHEKOS' DISCOVERE PRI CONTC LA NEW HIM' 1984 -
CURRENT SITE DESCRIPTION:

PRESION PIO SEEINS' 3 NI NW PRESION
DIRECTIONS TO SITE:

SECTION: 03 JOCHEETA CONTRACT REPORTING
COMMENTS\EVNCE: 0108080108 COORDINAT: PRESION

FIRST OBSERVED : 1883-08-13 PRECISION: E
FIRST OBSERVED: 1883 ELEVATION: 2143 COUNTRY: MEXICO

| | |
|---|---|
| PRESION WHITE WINGED CHENICHEK<br>CHENICHEHAE BAILEAI PTERYGOTHE | NUMBER: E\V<br>SEX: CO NUM: 1?? |
| | PROTECTION STATUS |

| CRENICHTHYS BAILEYI THERMOPHILUS<br>MOORMON WHITE RIVER SPRINGFISH | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1986 ELEVATION: 5188 COUNTY: NVNYEX
LAST OBSERVED : 1986-09-17 PRECISION: SC

TOWNSHIP/RANGE: 006N060E QUADNAME: HOT CREEK BUTTE
SECTION: 25 TOWNSHIP COMMENT: SE4NE4SE4

DIRECTIONS TO SITE:
MOON RIVER SPRING 1-1/2 MI NW HAY MEADOW RESERVOIR

GENERAL SITE DESCRIPTION:

SPECIES DATA:
SPRINGFISH EASILY OBSERVED AND ABUNDANT.

INFO SOURCE: WILLIAMS, JACK., WILLIAMS AND WILDE. 1981. TAX. STATUS. WITHERS, DONNA. 1986.
OWNERSHIP/MGMT.: PRIVATE/UNKNOWN,BLM/ELY

| CRENICHTHYS BAILEYI THERMOPHILUS<br>MOORMON WHITE RIVER SPRINGFISH | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1964 ELEVATION: 5240 COUNTY: NVNYEX
LAST OBSERVED : 1986-09-16 PRECISION: SC

TOWNSHIP/RANGE: 006N061E QUADNAME: SUNNYSIDE NW
SECTION: 18 TOWNSHIP COMMENT: NE4SE4NE4

DIRECTIONS TO SITE:
HOT CREEK SPRING, 7-1/2 MI WSW OF SUNNYSIDE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
LARGEMOUTH BASS IN SPRINGS. SPRINGFISH PERHAPS EXTIRPATED? NO. WITHERS '86: SPRINGFISH ABUNDANT, BASS STILL PRESENT.

INFO SOURCE: WILLIAMS, JACK., WITHERS, DONNA.
OWNERSHIP/MGMT.: NDOW/KIRCH

| | |
|---|---|
| CRENICHTHYS BAILEYI THERMOPHILUS<br>MOJAVE WHITE RIVER SPRINGFISH | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNHPS: N/A |

FIRST OBSERVED: 1964 ELEVATION: 3140 COUNTY: MOHAVE
LAST OBSERVED : 1986-09-17 PRECISION: SC

TOWNSHIP/RANGE: 00N06E QUADNAME: SUNNYSIDE NW
SECTION: 13 TOWNSHIP COMMENT: NE&SE&NE4

DIRECTIONS TO SITE:
MOJAVE RIVER SPRING 1-1/2 MI NW RAY MEADOW RESERVOIR

GENERAL SITE DESCRIPTION:

SPECIES DATA:
SPRINGFISH RARITY OBSERVED AND ABUNDANT.

INFO SOURCE: WILLIAMS, JACK., WILLIAMS AND WILDE. 1981. TAX. STATUS. WITHERS, DONNA. 1985.
OWNERSHIP/MGMT.: PRIVATE/UNKNOWN,BLM/BLM

| | |
|---|---|
| CRENICHTHYS BAILEYI THERMOPHILUS<br>MOJAVE WHITE RIVER SPRINGFISH | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNHPS: N/A |

FIRST OBSERVED: 1984 ELEVATION: 3140 COUNTY: MOHAVE
LAST OBSERVED : 1986-09-16 PRECISION: SC

TOWNSHIP/RANGE: 00N06E QUADNAME: SUNNYSIDE NW
SECTION: 13 TOWNSHIP COMMENT: NE&SE&NE4

DIRECTIONS TO SITE:
HOT CREEK SPRING, 7-1/2 MI WSW OF SUNNYSIDE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
LAKEMOUTH BASS IN SPRINGS. SPRINGFISH REMAINED PRIMARY? NO. WITHERS '85: SPRINGFISH ABUNDANT, BASS STILL PRESENT.

INFO SOURCE: WILLIAMS, JACK., WITHERS, DONNA.

OWNERSHIP/MGMT.: MOOW/KTRCH

| CRENICHTHYS BAILEYI THERMOPHILUS<br>MOORMON WHITE RIVER SPRINGFISH | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1965 ELEVATION: 5280 COUNTY: NVNYEX
LAST OBSERVED : 1986-09-17 PRECISION: SC

TOWNSHIP/RANGE: 009N061E QUADNAME: MOORMAN SPRING
SECTION: 32 TOWNSHIP COMMENT: SE4NE4SE4

DIRECTIONS TO SITE:
MORMON SPRING = MOORMAN SPRING. 7.7 MI SW OF NEV 38, 14 MI NW OF SUNNYSIDE

GENERAL SITE DESCRIPTION:
FROM MOUTH OF OUTFLOW TO ENTRANCE INTO MARSH.

SPECIES DATA:
STRONG, THOUGH SMALL POPULATION. NONE SEEN AT S END OF MARSH. 108 FISH TRAPPED.

INFO SOURCE: DEACON, JIM., WITHERS, DONNA.

OWNERSHIP/MGMT.: PRIVATE/UNKNOWN,BLM/ELY

| CRENICHTHYS NEVADAE<br>RAILROAD VALLEY SPRINGFISH | PROTECTION STATUS<br>FEDERAL: LT NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1932 ELEVATION: 5600 COUNTY: NVNYEX
LAST OBSERVED : 1982-04-16 PRECISION: S

TOWNSHIP/RANGE: 013N056E QUADNAME: DUCKWATER
SECTION: 31 TOWNSHIP COMMENT: NE4SW4SW4

DIRECTIONS TO SITE:
BIG WARM SPRINGS 1 MI NE DUCKWATER

GENERAL SITE DESCRIPTION:
BIG WARM SPRING AND OUTFLOWS SUPPORT A SMALL POPULATION ABOVE AND BELOW THE MAIN SWIMMING HOLE AND IN BOTH OUTFLOWS.

SPECIES DATA:
5 FISH TRAPPED, 70 GUPPIES, 5 FISH, 50 IN WEST OUTFLOW. WITHERS '86: NORTH OUTFLOW - FAIR NUMBER OF SPRINGFISH SEEN. 1989: NONE SEEN, CHANNEL CATS AND GUPPIES PROLIFERATE.

INFO SOURCE: SADA, DONALD., STATUS REVIEW RR VALLEY SPRINGFISH. WILLIAMS AND DEACON. 1982., WITHERS. 1986., CLEMMER. 1989.
OWNERSHIP/MGMT.: BI/DUCKWATER,BLM/ELY

| CRENICHTHYS BAILEYI THERMOPHILUS<br>MOONMOON WHITE RIVER SPRINGFISH | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNHPS: N/A |
|---|---|

FIRST OBSERVED: 1968 ELEVATION: 4280 COUNTY: NYNYEX
LAST OBSERVED : 1986-08-17 PRECISION: NC

TOWNSHIP/RANGE: 008N008E QUADNAME: MOONMAN SPRING
SECTION: 32 TOWNSHIP COMMENT: RE4N1E5M4

DIRECTIONS TO SITE:
MORMON SPRING - MOONMAN SPRING. 7.7 MI SW OF NEV 18, 14 MI NW OF SHWAYSIDE

GENERAL SITE DESCRIPTION:
FROM MOUTH OF OUTFLOW TO ENTRANCE INTO MARSH.

SPECIES DATA:
STRONG, THOUGH SMALL POPULATION. NONE SEEN AT S END OF MARSH. 108 FISH TRAPPED.

INFO SOURCE: DEACON, JIM., WITHERS, DONNA.

OWNERSHIP/MGMT.: PRIVATE/UNKNOWN,SLM/ELY

| CRENICHTHYS NEVADAE<br>RAILROAD VALLEY SPRINGFISH | PROTECTION STATUS<br>FEDERAL: LT NRS: YES<br>NNHPS: N/A |
|---|---|

FIRST OBSERVED: 1932 ELEVATION: 5600 COUNTY: NYNYEX
LAST OBSERVED : 1982-04-16 PRECISION: S

TOWNSHIP/RANGE: 012N058E QUADNAME: DUCKWATER
SECTION: 31 TOWNSHIP COMMENT: RE4SW4SW4

DIRECTIONS TO SITE:
BIG WARM SPRINGS : 4I NE DUCKWATER

GENERAL SITE DESCRIPTION:
BIG WARM SPRING AND OUTFLOWS SUPPORT A SMALL POPULATION ABOVE AND BELOW THE MAIN SWIMMING HOLE AND IN BOTH OUTFLOWS.

SPECIES DATA:
5 FISH TRAPPED, 70 JUVFISH. 5 FISH, 50 IN WEST OUTFLOW, WITHERS '86: NORTH OUTFLOW - FAIR NUMBER OF SPRINGFISH SEEN. 1989: NONE SEEN, CHANNEL CATS AND GUPPIES PROLIFERATE.

INFO SOURCE: SADA, DONALD., STATUS REVIEW RR VALLEY SPRINGFISH, WILLIAMS AND DEACON. 1982., WITHERS. 1986., CLARKSON, 1989.
OWNERSHIP/MGMT.: BLM/DUCKWATER,SLM/ELY

| CRENICHTHYS NEVADAE<br>RAILROAD VALLEY SPRINGFISH | PROTECTION STATUS<br>FEDERAL: LT NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1932 ELEVATION: 5600 COUNTY: NVNYEX
LAST OBSERVED : 1989-06-16 PRECISION: S

TOWNSHIP/RANGE: 012N056E QUADNAME: DUCKWATER
SECTION: 05 TOWNSHIP COMMENT: SW4NE4

DIRECTIONS TO SITE:
LITTLE WARM SPRINGS 1 MI E OF DUCKWATER. 1989: NEW CHANNEL AND OUTFLOW DOWN TO ROAD

GENERAL SITE DESCRIPTION:
CRITICAL HABITAT. SPRINGS WITH ALGAE. NEW OUTFLOW, CULVERT.

SPECIES DATA:
492 SPRINGFISH TRAPPED. PLUS 177 TRAPPED. SPRINGFISH ABUNDANT NO OTHER FISH SPECIES ARE PRESENT IN THE SYSTEM (WITHERS 1986). 1989: ONLY A DOZEN SEEN IN SPRING.

INFO SOURCE: STATUS REVIEW RR VALLEY SPRINGFISH. WILLIAMS AND DEACON, DON SADA, DONNA WITHERS. 1986., 1989. CLEMMER.
OWNERSHIP/MGMT.: BI/DUCKWATER

| EMPETRICHTHYS LATOS LATOS<br>PAHRUMP KILLIFISH | PROTECTION STATUS<br>FEDERAL: LE NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1971 ELEVATION: 5830 COUNTY: NVWHIT
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 012N067E QUADNAME: BAKING POWDER FLAT
SECTION: 02 TOWNSHIP COMMENT: N2NE4

DIRECTIONS TO SITE:
SHOSHONE PONDS 40 MI SE OF ELY

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: RECOVERY PLAN PAHRUMP KILLIFISH. DON SADA.

OWNERSHIP/MGMT.: BLM/ELY

| | |
|---|---|
| ONCORHYNCHUS KISUTCH<br>ARRIGOAO VALLEY SEGMENTION | PROTECTION STATUS<br>FEDERAL: LE NRS: YES<br>NMWS: N/A |

FIRST OBSERVED: 1963 ELEVATION: 5800 COUNTY: MONROE
LAST OBSERVED : 1988-06-16 PRECISION: S

TOWNSHIP/RANGE: 01N08E DRAINAGE: DECHAMBER
SECTION: 05 TOWNSHIP COMMENT: BRIDGE

DIRECTIONS TO SITE:
LITTLE WARM SPRINGS 1 MI S OF COCHRANEA. 1989: NEW CHANNEL AND CUTTING DOWN TO ROAD

GENERAL SITE DESCRIPTION:
CRITICAL HABITAT, SPRINGS WITH ALGAE. NEW CUTTING, CHLYSNT.

SPECIES DATA:
4DA SPAWNING TRAPPED. PLUS 177 TRAPPED. SPAWNERSH ALTHOUGH NO COHOS FIND SPAWNING BUT PRESENT IN THE SYSTEM (WITTMEN 1986). 1988: ONLY A DOZEN SEEN IN SPAWNING.

INFO SOURCE: STATUS REVIEW FR VALLEY ARRHCHYSH. WILLAMME AND DEACON, DON BADA, DONNA WITMENS. 1986., 1989. GLENDER.
COMMENTS/COMMT.: BI/DOCUMENTER

| | |
|---|---|
| ENPETRICHTHYS LATOS LATOS<br>PAHOMOD MILLTFISH | PROTECTION STATUS<br>FEDERAL: LE NRS: YES<br>NMWS: N/A |

FIRST OBSERVED: 1971 ELEVATION: 5830 COUNTY: WASHIT
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 01N06E DRAINAGE: BAKING POWDER FLAT
SECTION: 02 TOWNSHIP COMMENT: NENE4

DIRECTIONS TO SITE:
SNOHOMOR PONDS 40 MI NE OF HIZ

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: RECOVERY PLAN PACIFIC MILLTFISH. DON BADA

COMMENTS/COMMT.: BLM/ELI

| GILA BICOLOR NEWARKENSIS<br>NEWARK VALLEY TUI CHUB | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1934 ELEVATION: 5870 COUNTY: NVWHIT
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 022N055E QUADNAME: DIAMOND SPRINGS
SECTION: 11 TOWNSHIP COMMENT: AND SECT. 14 NW4

DIRECTIONS TO SITE:
SPRING-FED POOL W. SIDE OF VALLEY. GOECOECHIA RANCH (= MOORES RANCH), 6 MI N OF STRAWBERRY RANCH

GENERAL SITE DESCRIPTION:
CLEAR, COLD WATER, MUD BOTTOM. NASTURTIUM AND CHARA.

SPECIES DATA:

INFO SOURCE: HUBBS ET AL. 1974.

OWNERSHIP/MGMT.: PRIVATE/GOICOECHEA RANCH

| GILA BICOLOR NEWARKENSIS<br>NEWARK VALLEY TUI CHUB | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1934 ELEVATION: 5870 COUNTY: NVWHIT
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 020N055E QUADNAME: EUREKA
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SPRING WEST SIDE OF VALLEY NEAR DIAMOND PEAK (=SOUTH PEAK), NEAR CIRCLE RANCH.

GENERAL SITE DESCRIPTION:
CLEAR, COLD WATER, SOFT BOTTOM WITH CHARA AND NASTURTIUM.

SPECIES DATA:

INFO SOURCE: HUBBS ET AL. 1979.

OWNERSHIP/MGMT.: PRIVATE/CIRCLE RANCH

| | |
|---|---|
| GILA BICOLOR NEWARKENSIS<br>NEWARK VALLEY TUI CHUB | PROTECTION STATUS<br>FEDERAL: C2 NSO: YES<br>NNHPD: N/A |

FIRST OBSERVED: 1934 ELEVATION: 8870 COUNTY: NYWHIT
LAST OBSERVED : PRECISION: 82

TOWNSHIP/RANGE: 020N055E QUADRANGLE: BURERA
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SPRING WEST SIDE OF VALLEY NEAR DIAMOND PEAK (=SOUTH PEAK), NEAR CIRCLE RANCH.

GENERAL SITE DESCRIPTION:
CLEAR, COLD WATER, SOFT BOTTOM WITH CHARA AND NASTURTIUM.

SPECIES DATA:

INFO SOURCE: HUBBS ET AL. 1979.

O-OWNERSHIP/MGMT.: PRIVATE/CIRCLE RANCH

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| GILA BICOLOR NEWARKENSIS<br>NEWARK VALLEY TUI CHUB | PROTECTION STATUS<br>FEDERAL: C2 NSO: YES<br>NNHPD: N/A |

FIRST OBSERVED: 1934 ELEVATION: 5870 COUNTY: NYWHIT
LAST OBSERVED : PRECISION: 82

TOWNSHIP/RANGE: 020N055E QUADRANGLE: BURERA
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SPRING WEST SIDE OF VALLEY NEAR DIAMOND PEAK (=SOUTH PEAK), NEAR CIRCLE RANCH.

GENERAL SITE DESCRIPTION:
CLEAR, COLD WATER, SOFT BOTTOM WITH CHARA AND NASTURTIUM.

SPECIES DATA:

INFO SOURCE: HUBBS ET AL. 1979.

O-OWNERSHIP/MGMT.: PRIVATE/CIRCLE RANCH

| GILA BICOLOR NEWARKENSIS<br>NEWARK VALLEY TUI CHUB | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: ELEVATION: 5885 COUNTY: NVWHIT
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 023N056E QUADNAME: COLD CREEK RANCH
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
DITCH FED BY WARM SPRINGS AT "BILLY MOORE'S RANCH", EASTERN LOBE AT N END OF NEWARK VALLEY

GENERAL SITE DESCRIPTION:
CLEAR, LUKE WARM WATER, MODERATE CURRENT, LITTLE VEGETATION.

SPECIES DATA:

INFO SOURCE: HUBBS ET AL. 1974.

OWNERSHIP/MGMT.: PRIVATE/WARM SPRINGS RANCH

| GILA BICOLOR SSP 3<br>DUCKWATER CREEK TUI CHUB | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: 1934 ELEVATION: 3380 COUNTY: NVNYEX
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 012N056E QUADNAME: DUCKWATER
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
DUCKWATER CREEK. 3 MI ABOVE DUCKWATER STORE

GENERAL SITE DESCRIPTION:
WITH INTRODUCED CARP, CYPRINUS CARPIO.

SPECIES DATA:
445 SPECIMENS IN 1934. "RECENT FIELDWORK INDICATES" NONE INHABIT AREA (1974).

INFO SOURCE: WILLIAMS, JACK., HUBBS ET AL. 1974.

OWNERSHIP/MGMT.: BI/DUCKWATER

COMMENTS\NOTE: BT\DOCKMATER

INFO SOURCE: MILLIAMS' TACK'' HOBBS ET AL' 1984'

992 SPECIMENS IN 1984' „RECENT BIRTHDATE INDICATES„ MORE IMMATURE AREA (1984)'
SPECIES DATA:

MITH INTRODUCED CARP' CARPINION CARPIO'
GENERAL SITE DESCRIPTION:

DOCKMATER CREEK' 3 MI ABOVE DOCKMATER RIVER '
DIRECTIONS TO SITE:

SECTION: 14 TOWNSHIP COMMENT:
TOWNSHIP\RANGE: 019N02W4E GRADNAME: DOCKMATER

TYPE OBSERVED : PRECISION: 2
FIRST OBSERVED: 1984 ELEVATION: 2280 COUNTY: MARTIN

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| DOCKMATER CREEK 1MI CHOB<br>GILA RICOTON SSS 3 | NUMBER: N\A<br>ENDEMIT: CS MRS: YES<br>PROTECTION STATUS |

TOWNSHIP\RANGE: ARIZONA\NAVAJO REFERENCE MUNCH

INFO SOURCE: HOBBS ET AL' 1984'

SPECIES DATA:

CLEAR' TUBE MAPAN MAYER' MODERATE CURRENT' FILLIT ABSERVATION'
GENERAL SITE DESCRIPTION:

NEWARK AVITEA
DITCH LED BY MAPAN ELEVINGS TA „HITTA MOOBER,S RANCH„' EVERTEMA TOBE TA A END OF
DIRECTIONS TO SITE:

SECTION: 34 TOWNSHIP COMMENT:
TOWNSHIP\RANGE: 023N02E GRADNAME: COTO CREEK RANCH

TYPE OBSERVED : PRECISION: 30
FIRST OBSERVED: ELEVATION: 5822 COUNTY: MARTIN

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| NEWARK AVITEA 1MI CHOB<br>GILA RICOTON NEWARKENSIS | NUMBER: N\A<br>ENDEMIT: CS MRS: YES<br>PROTECTION STATUS |

| GILA BICOLOR SSP 7<br>RAILROAD VALLEY TUI CHUB | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1988 ELEVATION: 6120 COUNTY: NVWHIT
LAST OBSERVED : 1988-06-30 PRECISION: SC

TOWNSHIP/RANGE: 015N057N QUADNAME: GREEN SPRINGS
SECTION: 33 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GREEN SPRINGS E OF RAILROAD VALLEY

GENERAL SITE DESCRIPTION:
SPRINGS INTACT. RESERVOIR BELOW. CATTLE FENCED OUT.

SPECIES DATA:
NO EXOTICS. 25 SPECIMENS REMOVED FOR GENETIC STUDIES (TO MARK ROSENFELD, UNIV. UT), 50 RETURNED TO SPRINGS.

INFO SOURCE: WITHERS, DONNA., WILLIAMS, JACK.

OWNERSHIP/MGMT.: BLM/ELY

| GILA BICOLOR SSP 7<br>RAILROAD VALLEY TUI CHUB | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: ELEVATION: 5820 COUNTY: NVWHIT
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 014N056E QUADNAME: GREEN SPRINGS
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
BULL CREEK AND HEADWATER SPRING

GENERAL SITE DESCRIPTION:
GOOD HABITAT AT BULL CREEK RANCH.

SPECIES DATA:

INFO SOURCE: WILLIAMS, JACK.

OWNERSHIP/MGMT.: PRIVATE

OMNIBENTHIC\MONT': MALAYAN

INFO SOURCE: WILLIAMS' CREEK

SPECIES DATA:

GOOD HABITAT IN BOTT CREEK BANCE

GENERAL SITE DESCRIPTION:

BOTT CREEK AND HEADWATER CENING

DIRECTIONS TO SITE:

SECTION: 14 TOWNSHIP COMMENT:

TOWNSHIP\RANGE: OTAMOSPE GRADRANGE: GREEN SPRINGS

LAST OBSERVED : PRECISION: 3C

FIRST OBSERVED: ELEVATION: 2250 COUNTY: MARSHALL

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| RAILROAD AVENUE TOT CHUB<br>CITY BICOLOR SSP A | NAMES: N\A<br>ENDEMT: CS HRS: YES<br>PROTECTION STATUS |

OMNIBENTHIC\MONT': BIM\BIA

INFO SOURCE: MILLERS' DONNA'' WILLIAMS' CREEK

DATA' TU)' SO REQUIRED TO SPECIES'

NO EXOTICS' SO SPECIMENS REMOVED FOR GENERIC STUDIES (SO MUCH NOSEMEPID'

SPECIES DATA:

SPRINGS INVACI' DESERVOIR BELOW' CATLIN BENCED OUT'

GENERAL SITE DESCRIPTION:

GREEN SPRINGS X OF RAILROAD AVENUE

DIRECTIONS TO SITE:

SECTION: 33 TOWNSHIP COMMENT:

TOWNSHIP\RANGE: OTAMOSPE GRADRANGE: GREEN SPRINGS

LAST OBSERVED : 1988-06-30 PRECISION: 3C

FIRST OBSERVED: 1988 ELEVATION: 2150 COUNTY: MARSHALL

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| RAILROAD AVENUE TOT CHUB<br>CITY BICOLOR SSP A | NAMES: N\A<br>ENDEMT: CS HRS: YES<br>PROTECTION STATUS |

| GILA ELEGANS<br>BONYTAIL CHUB | PROTECTION STATUS<br>FEDERAL: LE NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: 1972 ELEVATION: 5830 COUNTY: NVWHIT
LAST OBSERVED : 1972- PRECISION: SC

TOWNSHIP/RANGE: 012N067E QUADNAME: BAKING POWDER FLAT
SECTION: 02 TOWNSHIP COMMENT: N2NE4

DIRECTIONS TO SITE:
SHOSHONE PONDS 40 MI SE ELY

GENERAL SITE DESCRIPTION:

SPECIES DATA:
CHUBS INTRODUCED.

INFO SOURCE: BOROVICKA, ROBERT. 1983. PROC. DFC. IV:88.

OWNERSHIP/MGMT.: BLM/ELY

| LEPIDOMEDA ALBIVALLIS<br>WHITE RIVER SPINEDACE | PROTECTION STATUS<br>FEDERAL: LE NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: 1960 ELEVATION: 5598 COUNTY: NVWHIT
LAST OBSERVED : 1982-04-16 PRECISION: SC

TOWNSHIP/RANGE: 011N062E QUADNAME: LUND
SECTION: 04 TOWNSHIP COMMENT: NE4NW4NE4

DIRECTIONS TO SITE:
LUND SPRINGS, 1/2 MI SE OF LUND

GENERAL SITE DESCRIPTION:

SPECIES DATA:
LARGEST POPULATION EXTANT. 1989: NONE SEEN IN 30 MINUTES OF SNOKELING AND DIP NETTING, GUPPIES ABUNDANT.

INFO SOURCE: DON SADA., WILLIAMS AND DEACON. 1982., CLEMMER AND MC NATT. 1989.

OWNERSHIP/MGMT.: PRIVATE/LUND SPRINGS

COMMENTS\NCNA': ENDANGER\FOUND SEARCH

INFO SOURCE: DON SUDA'' MITTIAMS AND DEVSON' 1983'' STEWARTS AND MC NATT' 1988'

NESTING' CONFIRMED PRESENT'
FUNCEST POPULATION EXTANT' 1984: MORE SEEN IN 10 MINUTES OF SMOKEFINGS AND DIP
SPECIES DATA:

GENERAL SITE DESCRIPTION:

FOUND SPRINGS' 1\: NI SE EN FOUND
DIRECTIONS TO SITE:

SECTION: 04 TOWNSHIP COMMENT: REDUNDANT
TOWNSHIP\RANGE: 01T06S2E COUNTRYSIDE: FOUND

LAST OBSERVED : 1983-04-17 PRECISION: 2C
FIRST OBSERVED: 1980 ELEVATION: 8588 COUNTY: HAMMTL

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|---|---|
| WHITE RIVER SPRINGDACE<br>TELEDONEDA ATRIAPLLIS | NUMBER: N\A<br>FEDERAL: LE MNR: AES<br>PROTECTION STATUS |

COMMENTS\NCNA': BTM\ETA

INFO SOURCE: BOBOAICKA' MONTEAT' 1988' PROC' DEC' 1A:88'

CHUBS INTRODUCED'
SPECIES DATA:

GENERAL SITE DESCRIPTION:

SHOSHONE POWER WI SE ETA
DIRECTIONS TO SITE:

SECTION: 03 TOWNSHIP COMMENT: NSNRW
TOWNSHIP\RANGE: 01N06E2E COUNTRYSIDE: BURNING POWER ETA

LAST OBSERVED : 1985- PRECISION: 2C
FIRST OBSERVED: 1985 ELEVATION: 8588 COUNTY: HAMMTL

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|---|---|
| NORATMIP CHUB<br>GILA ATRAMOS | NUMBER: N\A<br>FEDERAL: LE MNR: AES<br>PROTECTION STATUS |

| LEPIDOMEDA ALBIVALLIS<br>WHITE RIVER SPINEDACE | PROTECTION STATUS<br>FEDERAL: LE NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: 1960 ELEVATION: 5630 COUNTY: NVWHIT
LAST OBSERVED : - PRECISION: SC

TOWNSHIP/RANGE: 012N061E QUADNAME: PRESTON
SECTION: 12 TOWNSHIP COMMENT: SE4NE4, SW2SE4

DIRECTIONS TO SITE:
3 SPRINGS: ARNOLDSON, COLD, AND NICHOLAS AT PRESTON.

GENERAL SITE DESCRIPTION:

SPECIES DATA:
GREATLY REDUCED POPULATIONS.

INFO SOURCE: DON SADA., WILLIAMS AND DEACON. 1982. STATUS REVIEW.

OWNERSHIP/MGMT.: PRIVATE/PRESTON

| LEPIDOMEDA ALBIVALLIS<br>WHITE RIVER SPINEDACE | PROTECTION STATUS<br>FEDERAL: LE NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: 1960 ELEVATION: 5250 COUNTY: NVNYEX
LAST OBSERVED : 1986-0916 PRECISION: SC

TOWNSHIP/RANGE: 007N062E QUADNAME: SUNNYSIDE
SECTION: 32 TOWNSHIP COMMENT: NE4SW4NE4

DIRECTIONS TO SITE:
FLAG SPRINGS AT SUNNYSIDE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
LESS THAN 1000 FISH, OWING TO THE SMALL NATURE OF THE HABITAT (< 80 ACRES).
WITHERS 1986: SPINEDACE COMMON, FROM MINNOW TRAPS.

INFO SOURCE: DON SADA., WITHERS, D., WILLIAMS AND DEACON. 1982. STATUS REVIEW.

OWNERSHIP/MGMT.: NDOW/KIRCH,BLM/ELY

COMMUNITY\NCME': MIDW\KIMBER GIN\ERIE

INFO SOURCE: DON SADY'' MILLERS' O'' MITTLYNE AND DENSON' 1985' STATUS REALTY'

MILLERS 1984: SPINEDAGE COMMON' ROOM MINNOW SEAVE'
FEWS LARGE 1000 FISH' OMING ON THE SMALL MATURE OF THE QUALITY (< DA NCMES)'
RESCUES DAY:

GENERAL SITE DESCRIPTION:

LAKE SPINNGS TA BANNISIDE
DIRECTIONS TO SITE:

SECTION: 35 TOWNSHIP COMMENT: MECHANNED
TOWNSHIP\RANGE: 003N06E COUNTYNAME: ADDRASIDE

LAST OBSERVED : 1985-0570 PRECISION: SC
FIRST OBSERVED: 1980 ELEVATION: 2520 COUNTY: MARKEX

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| WRITE STARS SPINEDAGE<br>TEMPORARY VIRGINITIS | NUMBER: N\W<br>PRODUCT: TR MMS: ASE<br>PROTECTION STATUS |

COMMUNITS\NCME'' PNTAYLE\BRESLOW

INFO SOURCE: DON SADY'' MILLYNNE AND OLTSON' 1985' STATUS REALTY'

CREVITS PRUNED POPULATIONS'
RESCUES DAY:

GENERAL SITE DESCRIPTION:

3 SPINNGS' THOMPSON' COTO' AND MICHOLNE TA BRESLOW'
DIRECTIONS TO SITE:

SECTION: 13 TOWNSHIP COMMENT: SETNAY' SMISEN
TOWNSHIP\RANGE: 015N06E COUNTYNAME: BRESLOW

LAST OBSERVED : PRECISION: SC
FIRST OBSERVED: 1980 ELEVATION: 2070 COUNTY: HAMMIT

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| WRITE STARS SPINEDAGE<br>TEMPORARY VIRGINITIS | NUMBER: N\W<br>PRODUCT: TR MMS: ASE<br>PROTECTION STATUS |

| LEPIDOMEDA MOLLISPINIS PRATENSIS<br>BIG SPRING SPINE DACE | PROTECTION STATUS<br>FEDERAL: LT NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: 1978 ELEVATION: 4900 COUNTY: NVLINC
LAST OBSERVED : 1987-06-17 PRECISION: SC

TOWNSHIP/RANGE: 001S068E QUADNAME: CONDOR CANYON
SECTION: 24 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MEADOW VALLEY WASH, CONDOR CANYON. 4 MI NE PANACA BELOW FALLS

GENERAL SITE DESCRIPTION:
SMALL STREAM, RIFFLES, POOLS. GOOD RIPARIAN COVER.

SPECIES DATA:
3 MI OF STREAM, 6 MINNOW TRAPS IN POOL, 1 SPINEDACE. MORE ALONG STRETCHES BELOW FALLS. ALSO TAKEN: RHINICHTHYS OSCULUS, CATOSTOMUS CLARKI (1986). STRONG POPULATION (1987), ALSO MICROPTERUS SALMOIDES. 30 SPECIMENS COLLECTED.

INFO SOURCE: MCNATT, RANDY., WITHERS, DONNA. FEDERAL REGISTER 48(231):54082-54085.
OWNERSHIP/MGMT.: BLM/ELY,TNC/CONDOR

| MOAPA CORIACEA<br>MOAPA DACE | PROTECTION STATUS<br>FEDERAL: LE NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: 1972 ELEVATION: 5830 COUNTY: NVWHIT
LAST OBSERVED : 1972- PRECISION: SC

TOWNSHIP/RANGE: 012N067E QUADNAME: BAKING POWDER FLAT
SECTION: 02 TOWNSHIP COMMENT: N2NE4

DIRECTIONS TO SITE:
SHOSHONE PONDS 40 MI SE ELY

GENERAL SITE DESCRIPTION:

SPECIES DATA:
DACE INTRODUCED.

INFO SOURCE: BOROVICKA, ROBERT. 1983. PROC. DFC IV:88.

OWNERSHIP/MGMT.: BLM/ELY

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| LEPTOGRYNA MELLISPINOSA EVERSMANN<br>BIG SPINE SPINE DACE | INSTRUCTION STATUS<br>FEDERAL: LT FWS: YES<br>NHNPP: N/A |

FIRST OBSERVED: 1972 ELEVATION: 5900 COUNTY: NYLNKC
LAST OBSERVED : 1987-06-17 PRECISION: SC

TOWNSHIP/RANGE: 001S006E QUADNAME: CONDON CANYON
SECTION: 24 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MEDICW VALLEY NEAR, CONDON CANYON, 4 MI NE PANACA BELOW FALLS

GENERAL SITE DESCRIPTION:
SMALL STREAM, RIFFLES, POOLS, GOOD RIPARIAN COVER.

SPECIES DATA:
3 MI OF STREAM, 6 MINNOW TRAPS IN POOL, 1 SPINEDACE. MOSS ALONG STREYCHNS
BELOW FALLS. ALSO TAKEN: SHINICHTHYS OSCULUM, CATOSTOMUS CLARKI (1984). BYRONG
POPULATION (1987), ALSO MICROPTERUS SALMOIDES. 10 SPECIMENS COLLECTED.

INFO SOURCE: MCNATT, FANDY, WITKINS, DONNA. FEDERAL BIOLOGISTS
(231):5408Z-54085.
OWNERSHIP/MGMT.: BLM/ELY,TRC/CONDOR

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| MOAPA CORTACEA<br>MOAPA DACE | PROTECTION STATUS<br>FEDERAL: LE NRS: YES<br>NNHPP: N/A |

FIRST OBSERVED: 1972 ELEVATION: 5830 COUNTY: NYNNLT
LAST OBSERVED : 1972- PRECISION: SC

TOWNSHIP/RANGE: 01N006E QUADNAME: BARING POWDER FLAT
SECTION: 03 TOWNSHIP COMMENT: NENEA

DIRECTIONS TO SITE:
SHOSHONE PONDS 46 MI NW ELY

GENERAL SITE DESCRIPTION:

SPECIES DATA:
DACE INTRODUCED.

INFO SOURCE: BORDVICKA, ROBERT. 1983. PROC. NFC IV:59

OWNERSHIP/MGMT.: BLM/ELY

| ONCORHYNCHUS CLARKI UTAH<br>BONNEVILLE CUTTHROAT TROUT | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: ELEVATION: 9000 COUNTY: NVWHIT
LAST OBSERVED : PRECISION: G

TOWNSHIP/RANGE: 013N069E QUADNAME: WINDY PEAK
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
LEHMAN CREEK

GENERAL SITE DESCRIPTION:

SPECIES DATA:
2 SPECIMENS (UNIV MICHIGAN MUS. ZOOL.) IDENTICAL WITH PINE CREEK SPECIMENS.

INFO SOURCE: BEHNKE, R. 1970.

OWNERSHIP/MGMT.: NPS/GREAT BASIN,BLM/ELY,USFS/H

| ONCORHYNCHUS CLARKI UTAH<br>BONNEVILLE CUTTHROAT TROUT | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: 1959 ELEVATION: 7920 COUNTY: NVWHIT
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 013N068E QUADNAME: WHEELER PEAK
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
PINE CREEK, WEST SLOPE OF SNAKE RANGE

GENERAL SITE DESCRIPTION:
SMALL STREAM, LITTLE HABITAT.

SPECIES DATA:
PURE STRAIN. 100 TROUT INCLUDING FRY. 413 FISH/MILE IN 1984.

INFO SOURCE: HICKMAN AND DUFF. 1978., BEHNKE. 1970.

OWNERSHIP/MGMT.: NPS/GREAT BASIN,USFS/H,BLM/ELY

| ONCORHYNCHUS CLARKI UTAH<br>BONNEVILLE CUTTHROAT TROUT | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNHPS: N/A |
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FIRST OBSERVED: ELEVATION: 8400 COUNTY: MONROE
LAST OBSERVED : PRECISION: 0

TOWNSHIP/RANGE: 013N06E QUADRANGLE: MINDY PEAK
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
LEMMON CREEK

GENERAL SITE DESCRIPTION:

SPECIES DATA:
2 SPECIMENS (BYU MICHIGAN MUS. 1001.) IDENTICAL WITH PINE CREEK SPECIMENS.

INFO SOURCE: BENNKE, R. 1970.

OWNERSHIP/MGMT.: NFS/GREAT BASIN,BLM/ELY,USFS/H

| ONCORHYNCHUS CLARKI UTAH<br>BONNEVILLE CUTTHROAT TROUT | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNHPS: N/A |
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FIRST OBSERVED: 1954 ELEVATION: 7920 COUNTY: MONROE
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 013N06E QUADRANGLE: WHEELER PEAK
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
PINE CREEK, WEST SLOPE OF SNAKE RANGE

GENERAL SITE DESCRIPTION:
SMALL STREAM, LITTLE HABITAT.

SPECIES DATA:
PURE STRAIN, 100 TROUT INCLUDING FRY. 413 FISH/MILE IN 1984.

INFO SOURCE: HICKMAN AND CUFF. 1974., BENNKE. 1975.

OWNERSHIP/MGMT.: NFS/GREAT BASIN,USFS/H,BLM/ELY

| ONCORHYNCHUS CLARKI UTAH<br>BONNEVILLE CUTTHROAT TROUT | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: 1977 ELEVATION: 6626 COUNTY: NVWHIT
LAST OBSERVED : 1977- PRECISION: SC

TOWNSHIP/RANGE: 025N063E QUADNAME: GOSHUTE CREEK
SECTION: 11 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GOSHUTE CREEK

GENERAL SITE DESCRIPTION:

SPECIES DATA:
1500 TROUT IN 4 MILES OF STREAM. DROUGHT IN 1977 CAUSED LOSS OF 38% OF POPULATION. 54 TROUT STOCKED FROM PINE CREEK IN 1960. SUBJECT TO DROUGHT.

INFO SOURCE: HICKMAN AND DUFF. 1978. DOW MGMT. PLAN 1986.

OWNERSHIP/MGMT.: USFS/HUMBOLDT,BLM/ELY

| ONCORHYNCHUS CLARKI UTAH<br>BONNEVILLE CUTTHROAT TROUT | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
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FIRST OBSERVED: 1984 ELEVATION: 8000 COUNTY: NVWHIT
LAST OBSERVED : 1984- PRECISION: SC

TOWNSHIP/RANGE: 013N068E QUADNAME: WHEELER PEAK
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
RIDGE CREEK - DIVERTED INTO PINE CREEK IN LATE 1930'S

GENERAL SITE DESCRIPTION:

SPECIES DATA:
FISH MAY BE FROM LEHMAN CREEK VIA HIGH-LINE DITCH. 316 FISH/MILE.

INFO SOURCE: DEPT. OF WILDLIFE. 1986. PRELIMINARY MGMT. PLAN.

OWNERSHIP/MGMT.: USFS/HUMBOLDT,NPS/GREAT BASIN

COMMENTS\NOTE': PRIVATE

INFO SOURCE: AIOC' STREAM' JOBS' MONOTHAN'

SPECIES DATA:

GENERAL SITE DESCRIPTION:

SPRINGS AND COLTEL AT SILVERS RANCH (SEEING 1" SPRING 3 AND BOND)
DIRECTIONS TO SITE:

SECTION: 03 TOWNSHIP COMMENT: MISSISSAN
TOWNSHIP\RANGE: 03S0S0E ORIGINAL: SILVERS RANCH

LAST OBSERVED : 1980-11-05 PRECISION: SC
FIRST OBSERVED: 1928 ELEVATION: 6114 COUNTY: HAMILT

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| NOTICE DATE<br>NOTICTOR SOPTLAMPING | NUMBER: N\A<br>FEDERAL: CS NHS: YES<br>PROTECTION STATUS |

COMMENTS\NOTE': PRIVATE\OWNER'OBSERS\BUSA LAKE

INFO SOURCE: CREEK' N' SONORA' NA DEPT' OF NITOGIER'

ABONDANT
SPECIES DATA:

SPRING BOND AND OBSITION
GENERAL SITE DESCRIPTION:

EXPECIBSE SPRINGS BA OF NORT LAYES 1'S MI B OF COUNTY LINE
DIRECTIONS TO SITE:

SECTION: 03 TOWNSHIP COMMENT:
TOWNSHIP\RANGE: 03S0S0E ORIGINAL: SHERMAN MIN

LAST OBSERVED : PRECISION: SC
FIRST OBSERVED: ELEVATION: 5552 COUNTY: HAMILT

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| NOTICE DATE<br>NOTICTOR SOPTLAMPING | NUMBER: N\A<br>FEDERAL: CS NHS: YES<br>PROTECTION STATUS |

| RELICTUS SOLITARIUS<br>RELICT DACE | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1982 ELEVATION: 6481 COUNTY: NVWHIT
LAST OBSERVED : 1982-12- PRECISION: SC

TOWNSHIP/RANGE: 015N064E QUADNAME: COMINS LAKE
SECTION: 08 TOWNSHIP COMMENT: SW4NW4NW4NE4

DIRECTIONS TO SITE:
FISH POND SPRINGS, 1 MI N OF COMINS LAKE, 5 MI SE OF ELY, E OF HWY 50 & 93

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BARBER, MARK.

OWNERSHIP/MGMT.: PRIVATE/CCC RANCH,BLM/ELY

| RELICTUS SOLITARIUS<br>RELICT DACE | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1981 ELEVATION: 6681 COUNTY: NVWHIT
LAST OBSERVED : 1981- PRECISION: SC

TOWNSHIP/RANGE: 026N067E QUADNAME: CHIN CREEK SPRING
SECTION: 30 TOWNSHIP COMMENT: SE4NE4SE4

DIRECTIONS TO SITE:
LOOKOUT SPRINGS. 2 MI S OF ELKO COUNTY LINE, 4 MI E OF HWY 93

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BARBER, MARK. BLM REPORT.

OWNERSHIP/MGMT.: BLM/ELY

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|---|---|
| RELICTUS SOLITARIUS<br>RELICT DACE | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNMFS: N/A |

FIRST OBSERVED: 1977 ELEVATION: 5830 COUNTY: NYWHIT
LAST OBSERVED : 1979-07- PRECISION: SC

TOWNSHIP/RANGE: 01N065E QUADNAME: EARING SOMDER FLAT
SECTION: 02 TOWNSHIP COMMENT: NRMS:

DIRECTIONS TO SITE:
EMMONSONE PONDS AD MI SE ELY

GENERAL SITE DESCRIPTION:

SPECIES DATA:
DECEMBER 1977: 42 INTRODUCED FROM SPRYTOE VALLEY. THRIVING IN 1979.

INFO SOURCE: BARBER, MARK. REPORT.

OWNERSHIP/MGMT.: BLM/ELY

| | |
|---|---|
| RELICTUS SOLITARIUS<br>RELICT DACE | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNMFS: N/A |

FIRST OBSERVED: 1979 ELEVATION: 5830 COUNTY: NYWHIT
LAST OBSERVED : 1979- - PRECISION: S

TOWNSHIP/RANGE: 02SN054W QUADNAME: SOSUNTE CREEK
SECTION: 05 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SPRING RUNS ON CONDUNO RANCH

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BARBER, MARK.

OWNERSHIP/MGMT.: PRIVATE/TORDANO RANCH, BLM/ELY

| RELICTUS SOLITARIUS<br>RELICT DACE | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: ELEVATION: 5963 COUNTY: NVWHIT
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 021N063E QUADNAME: MONTE NEVA HOT SPRINGS
SECTION: 25 TOWNSHIP COMMENT: SW4NE4SE4

DIRECTIONS TO SITE:
SLOUGH AT WARM SPRINGS NEAR MONTE NEVA HOT SPRINGS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BARBER, MARK. BLM REPORT.

OWNERSHIP/MGMT.: BLM/ELY

| RHINICHTHYS OSCULUS VELIFER<br>PAHRANAGAT SPECKLED DACE | PROTECTION STATUS<br>FEDERAL: C2 NRS: YES<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1891 ELEVATION: 5747 COUNTY: NVWHIT
LAST OBSERVED : 1989-06-15 PRECISION: SC

TOWNSHIP/RANGE: 012N061E QUADNAME: PRESTON
SECTION: 02 TOWNSHIP COMMENT: NE4NW4NE4

DIRECTIONS TO SITE:
PRESTON BIG SPRING 2 MI NW OF PRESTON

GENERAL SITE DESCRIPTION:
SPRINGS COOL, 21 F.

SPECIES DATA:
SPECIMENS TAKEN MONTHLY JUNE-SEPT 1980 = 41 FOR FOOD HABITS. 1989:COMMON, MALES WITH BREEDING COLOR, NO GUPPIES. THREE SPECIMENS TAKEN BY BAILEY AND MERRIAM 1891.

INFO SOURCE: WILLIAMS AND WILLIAMS. 1982., LA RIVERS. 1962., CLEMMER. 1989.

OWNERSHIP/MGMT.: PRIVATE/PRESTON

COMMUNITY\MEMT': PRAIRIE\PRESTON

INFO SOURCE: MILLIAMS AND MILLIAMS' 1985'' IN KIRKEN' 1985'' STUDENT' 1989'

MEMORAN 1991'
NOTES WITH PREFERING COLON' NO GREEN' THESE REPRESENTS TAKEN BY BAYLIES AND
SPECIMENS TAKEN MONTHLY TIME-SPAN 1981 - 19 FOR POOR RYBILE' 1983:COMMON'
SPECIES DATA:

SPRINGS COOL' SI P'
GENERAL SITE DESCRIPTION:

PRESTON BIG SPRING E MI NW OF PRESTON
DIRECTIONS TO SITE:

SECTION: 05 COMMUNITY COMMENT: REPRESENTED
COMMUNITY\RANGE: OTSHORIE GROUNDNAME: PRESTON

LAST OBSERVED : 1989-09-19 PRECISION: SC
FIRST OBSERVED: 1981 ELEVATION: 5443 COUNTY: MANNIE

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|---|---|
| ENDANGERED DESERTED DUCE<br>SEMIMICTIMAE OSCULUS AETIEEN | NUMBER: N\A<br>ELEMENT: CS MNC: AEE<br>PROTECTION STATUS |

COMMUNITY\MEMT': BIM\ELA

INFO SOURCE: HARBER' MARK' BIM EXPORT'

SPECIES DATA:

GENERAL SITE DESCRIPTION:

SIDDON TA MAIN SPRINGS MEAN MONTH MEAN NOT SPRINGS
DIRECTIONS TO SITE:

SECTION: 35 COMMUNITY COMMENT: EMPERIEN
COMMUNITY\RANGE: OTSHORIE GROUNDNAME: MONTH MEAN NOT SPRINGS

LAST OBSERVED : PRECISION: SC
FIRST OBSERVED: ELEVATION: 2982 COUNTY: MANNIE

| | |
|---|---|
| MEDICAL DUCE<br>MEDICINE SOPIEMEDIE | NUMBER: N\A<br>ELEMENT: CS MNC: AEE<br>PROTECTION STATUS |

# MAMMALS

| GULO GULO LUSCUS<br>NORTH AMERICAN WOLVERINE | PROTECTION STATUS<br>FEDERAL: C2 NRS:<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED:
LAST OBSERVED :

ELEVATION: 5500
PRECISION: M

COUNTY: NVWHIT

TOWNSHIP/RANGE: 012N070E
SECTION: 02

QUADNAME: GARRISON
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
11.3 KM S OF BAKER

GENERAL SITE DESCRIPTION:

SPECIES DATA:
1 SKULL FROM CAVE DEPOSIT.

INFO SOURCE: HALL. 1981. P.1009., BARKER AND BEST. 1976. P.133. SW NAT.

OWNERSHIP/MGMT.: BLM/ELY,USFS/HUMBOLDT

# INVERTEBRATES

| EUPHILOTES BATTOIDES SSP.<br>BAKING POWDER FLAT BLUE | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1980 ELEVATION: 5775 COUNTY: NVWHIT
LAST OBSERVED : 1989-06-20 PRECISION: S

TOWNSHIP/RANGE: 011N067E QUADNAME: MINERVA
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
BAKING POWDER FLAT, 1 MI S OF BLIND SPRING.

GENERAL SITE DESCRIPTION:
LARVAE ON ERIOGONUM SHOCKLEYI.

SPECIES DATA:
A DISTINCTIVE UNNAMED POPULATION. "SMALL POPULATION". 1989: 4 MALES AND 8 FEMALES FROM 15 AND 20 JUNE 1989. NEVER COMMON.

INFO SOURCE: AUSTIN, GEORGE., SAVAGE, PAT. LETTER.

OWNERSHIP/MGMT.: BLM/ELY

| STENELMIS CALIDA MOAPA<br>MOAPA WARM SPRINGS RIFFLE BEETLE | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1948 ELEVATION: 2880 COUNTY: NVLINC
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 004S060E QUADNAME: HIKO
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HIKO SPRING

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: LA RIVERS. 1949.

OWNERSHIP/MGMT.: PRIVATE/HIKO SPRING,BLM/ELY

| PYRGULOPSIS MERRIAMI<br>PAHRANAGAT PEBBLESNAIL | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: N/A |
|---|---|

FIRST OBSERVED: 1973 ELEVATION: 3880 COUNTY: NVLINC
LAST OBSERVED : 1973- PRECISION: SC

TOWNSHIP/RANGE: 004S060E QUADNAME: HIKO
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HIKO SPRING 1/3 MILE E OF HIKO

GENERAL SITE DESCRIPTION:

SPECIES DATA:
ABUNDANT (3/CM3) IN UPPER 60-70 METERS OF RUN.

INFO SOURCE: LANDYE, J. 1973. STATUS...MOLLUSKS OF...SW.

OWNERSHIP/MGMT.: PRIVATE/HIKO SPRING,BLM/ELY

# PLANTS

| ARABIS SHOCKLEYI<br>SHOCKLEY'S ROCK-CRESS | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1982 ELEVATION: 5600 COUNTY: NVLINC
LAST OBSERVED : 1982-05-16 PRECISION: S

TOWNSHIP/RANGE: 003S060E QUADNAME: MAIL SUMMIT
SECTION: 07 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NE END OF PAHRANAGAT RANGE, 6.6 RD MI NW OF US HWY 93 ON COAL VALLEY RD, NEAR SUMMIT

GENERAL SITE DESCRIPTION:
WITH ARTEMISIA, JUNIPERUS. GRAVEL, LIMESTONE HILLS.

SPECIES DATA:

INFO SOURCE: TIEHM 6914. RENO HERBARIUM #63651.

OWNERSHIP/MGMT.: BLM/ELY

| ASCLEPIAS EASTWOODIANA<br>EASTWOOD'S MILKWEED | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1909 ELEVATION: 5300 COUNTY: NVNYEX
LAST OBSERVED : 1979-06-04 PRECISION: SC

TOWNSHIP/RANGE: 006N061E QUADNAME: SUNNYSIDE NW
SECTION: 18 TOWNSHIP COMMENT: SE4NE4NW4

DIRECTIONS TO SITE:
WHITE RIVER VALLEY, 0.25 MI W OF HOT CREEK CAMPGROUND, SUNNYSIDE

GENERAL SITE DESCRIPTION:
WHITE CALCAREOUS SLOPES. DESERT SHRUB, ERIOGONUM SHOCKLEYI, PHLOX TUMULOSA, GILIA CONGESTA, LEPIDIUM NANUM.

SPECIES DATA:
5 PLANTS SEEN.

INFO SOURCE: WOODBURY, K. 1980 H. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/ELY

| ASTRAGALUS CALLITHRIX<br>CALLOWAY MILK-VETCH | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1981 ELEVATION: 4880 COUNTY: NVNYEX
LAST OBSERVED : 1981-05-23 PRECISION: S

TOWNSHIP/RANGE: 009N058E QUADNAME: CURRANT
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
5.5 MI S OF CURRANT

GENERAL SITE DESCRIPTION:
TETRADYMIA, ERIOGONUM KEARNEYI, ORYZOPSIS. SANDY SOIL.

SPECIES DATA:

INFO SOURCE: RENO HERBARIUM #53883.

OWNERSHIP/MGMT.: BLM/ELY

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|---|---|
| ASCLEPIAS RUSTYCOCKIANA<br>RUSTYCOCK'S MILKWEED | PROTECTION STATUS<br>FEDERAL: 2C NRS: NONE<br>NNPPS: N |

FIRST OBSERVED: 1905 ELEVATION: 5300 COUNTY: NYPYEX
LAST OBSERVED : 1979-06-04 PRECISION: AC

COMMUNITY/RANGE: SEGEBRUSH QUADNAME: SUNNYSIDE NW
SECTION: 18 TOWNSHIP COMMENT: SE4NE4NW4

DIRECTIONS TO SITE:
WHITE RIVER VALLEY, 8.25 MI N OF HOT CREEK CAMPGROUND, SUNNYSIDE

GENERAL SITE DESCRIPTION:
WHITE CALCAREOUS SLOPES. DESERT SCRUB, ERIOGONUM SHOCKLEYI, MELICK TIMOTHY,
PHILIA COMMERSON, LUPINUS MEDIUS.

SPECIES DATA:
5 PLANTS SEEN.

INFO SOURCE: MOOTHORNI, K. 1980 H. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/BLY

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|---|---|
| ASTRAGALUS CALLIPHYLX<br>CALLOWAY MILK-VETCH | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: N |

FIRST OBSERVED: 1981 ELEVATION: 4880 COUNTY: NYMILL
LAST OBSERVED : 1981-05-23 PRECISION: S

COMMUNITY/RANGE: SAGEBRUSH QUADNAME: CURRANT
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
5.5 MI E OF CURRANT

GENERAL SITE DESCRIPTION:
TETRADYMIA, ERIOGONUM HERMEYI, ORYZOPSIS, SANDY SOIL.

SPECIES DATA:

INFO SOURCE: ZENO HERMANSON 4/1981.

OWNERSHIP/MGMT.: BLM/BLY

| ASTRAGALUS CALYCOSUS VAR MONOPHYLLIDIUS<br>ONE LEAFLET TORREY MILK-VETCH | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1978 ELEVATION: 5900 COUNTY: NVNYEX
LAST OBSERVED : 1978-06-26 PRECISION: S

TOWNSHIP/RANGE: 010N058E QUADNAME: CURRANT
SECTION: 23 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
APPROX. 4 MI SE OF CURRANT

GENERAL SITE DESCRIPTION:
WITH JUNIPERS AND LOW SAGEBRUSH. FINE GRAIN SOIL.

SPECIES DATA:

INFO SOURCE: WILLIAMS 78-148-3. RENO HERBARIUM #41623.

OWNERSHIP/MGMT.: BLM/ELY

| ASTRAGALUS CALYCOSUS VAR MONOPHYLLIDIUS<br>ONE LEAFLET TORREY MILK-VETCH | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1980 ELEVATION: 5650 COUNTY: NVNYEX
LAST OBSERVED : 1980-05-30 PRECISION: S

TOWNSHIP/RANGE: 006N062E QUADNAME: SUNNYSIDE
SECTION: 09 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
WHITE RIVER VALLEY, EGAN RANGE, MOUTH OF TROUGH SPRING CANYON

GENERAL SITE DESCRIPTION:
DESERT SCRUB. SANDY, CLAY SOIL W/LIMESTONE GRAVEL.

SPECIES DATA:

INFO SOURCE: THORNE 900 AND B. WELSH. RENO HERBARIUM #52969.

OWNERSHIP/MGMT.: BLM/ELY

ASTRAGALUS CALYCOSUS VAR MONOPHYLLIDUS
ONE LEAFLET TORREY MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNHPS: W

FIRST OBSERVED: 1972 ELEVATION: 5300 COUNTY: NYNYEX
LAST OBSERVED : 1972-06-24 PRECISION: B

TOWNSHIP/RANGE: 01N0058E QUADNAME: CURRANT
SECTION: 23 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
APPROX. 4 MI SE OF CURRANT

GENERAL SITE DESCRIPTION:
WITH JUNIPERS AND LOW SAGEBRUSH. FINE GRAIN SOIL.

SPECIES DATA:

INFO SOURCE: WILLIAMS 78-148-2. RENO HERBARIUM 841623.

OWNERSHIP/MGMT.: BLM/ELY

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ASTRAGALUS CALYCOSUS VAR MONOPHYLLIDUS
ONE LEAFLET TORREY MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNHPS: W

FIRST OBSERVED: 1980 ELEVATION: 5650 COUNTY: NYNYEX
LAST OBSERVED : 1980-05-30 PRECISION: B

TOWNSHIP/RANGE: 00N0052E QUADNAME: SUNNYSIDE
SECTION: 09 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
WHITE RIVER VALLEY, ROAM RANCH, NORTH OF TWOMEN SPRING CANYON

GENERAL SITE DESCRIPTION:
DESERT SCRUB, SANDY, CLAY SOIL W/GRASSLANDS CANYNS.

SPECIES DATA:

INFO SOURCE: THORNE 400 AND B. WEIGER. RENO HERBARIUM 823945.

OWNERSHIP/MGMT.: BLM/ELY

| ASTRAGALUS EURYLOBUS<br>PECK STATION MILK-VETCH | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1982 ELEVATION: 5750 COUNTY: NVNYEX
LAST OBSERVED : 1983-06-11 PRECISION: S

TOWNSHIP/RANGE: 014N055E QUADNAME: GREEN SPRINGS
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HWY 20, 1 MI SE OF RD TO DUCKWATER HYDROLOGIC AREA

GENERAL SITE DESCRIPTION:
WITH SHADSCALE AND OPUNTIA PULCHELLA, ATRIPLEX. LOW WASH. GRAVELLY AND SANDY AREA.

SPECIES DATA:

INFO SOURCE: TIEHM 7890 AND WILLIAMS. WILLIAMS 82-169-1. RENO HERBARIUM 54778, 55811.
OWNERSHIP/MGMT.: BLM/ELY

| ASTRAGALUS LENTIGINOSUS VAR LATUS<br>BROAD-POD FRECKLED MILK-VETCH | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1978 ELEVATION: 9700 COUNTY: NVWHIT
LAST OBSERVED : 1978-08-02 PRECISION: S

TOWNSHIP/RANGE: 014N063E QUADNAME: ELY
SECTION: 16 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
EGAN RANGE, WARD.

GENERAL SITE DESCRIPTION:
SAGEBRUSH AND RABBITBRUSH.

SPECIES DATA:
COMMON.

INFO SOURCE: TIEHM 4623 AND WILLIAMS. NSM HERBARIUM 869G.
OWNERSHIP/MGMT.: BLM/ELY

ASTRAGALUS LENTIGINOSUS VAR. LATUS
BROAD-POD FRECKLED MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NONTS: D

FIRST OBSERVED: 1978
LAST OBSERVED : 1978-08-02

ELEVATION: 8100 COUNTY: NYANZA
PRECISION: S

TOWNSHIP/RANGE: 01N0050E
SECTION: 16

QUADNAME: ELY
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
EDAN RANGE, WARD.

GENERAL SITE DESCRIPTION:
SAGEBRUSH AND RABBITBRUSH.

SPECIFIC DATA:
COMMON.

INFO SOURCE: TIEHM 4641 AND WILLIAMS. NEW NEVSARIUM 8550.

OWNERSHIP/MGMT.: BLM/ELY

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ASTRAGALUS MINGINSII
FOCK STATION MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NONTS: N

FIRST OBSERVED: 1982
LAST OBSERVED : 1983-06-11

ELEVATION: 5750 COUNTY: NYNYEX
PRECISION: S

TOWNSHIP/RANGE: 01N0050E
SECTION: 36

QUADNAME: GREEN SPRINGS
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HWY 20, 1 MI SE OF RD TO DUCKWATER HYDROLOGIC AREA

GENERAL SITE DESCRIPTION:
WITH SWAINSDALE AND OPUNTIA PULCHELLA, ATRIPLEX. LOW MASS. GRAVELLY ARS SANDY AREA.

SPECIFIC DATA:

INFO SOURCE: TIEHM 7890 AND WILLIAMS. WILLIAMS 82-159-1. NEWO NEWSARIUM 54176. 58811.

OWNERSHIP/MGMT.: BLM/NYX

| ASTRAGALUS OOPHORUS VAR LONCHOCALYX<br>LONG CALYX MILK-VETCH | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: ELEVATION: 6600 COUNTY: NVLINC
LAST OBSERVED : PRECISION: G

TOWNSHIP/RANGE: 001N066E QUADNAME: HIGHLAND PEAK
SECTION: 24 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HIGHLAND RANGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BARNEBY, R.C. 1954. LEAFLETS OF WESTERN BOT. 7(8):194.

OWNERSHIP/MGMT.: BLM/ELY,PRIVATE/WHEELER RANCH

| ASTRAGALUS UNCIALIS<br>CURRANT MILK-VETCH | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1941 ELEVATION: 5300 COUNTY: NVNYEX
LAST OBSERVED : 1982-05-23 PRECISION: SC

TOWNSHIP/RANGE: 010N058E QUADNAME: CURRANT MTN
SECTION: 04 TOWNSHIP COMMENT: & SECTIONS 8,9

DIRECTIONS TO SITE:
1 MI NE OF CURRANT. HWY 6, 0.4 MI FROM CURRANT, TOWARDS ELY, SCATTERED 0.5 MI N

GENERAL SITE DESCRIPTION:
WITH ATRIPLEX, ARTEMISIA SPINESCENS, BUDSAGE, SARCOBATUS, TETRADYMIA. IN ALKALINE CLAY SOIL ON LOW EXPOSED HILL.

SPECIES DATA:
100 PLANTS OBSERVED HERE IN 1980.

INFO SOURCE: WILLIAMS 79-58-2 AND HOLLAND. BARNEBY 17822. GOODRICH, S. 1979E. STATUS REPORT., RENO HERBARIUM #54306.
OWNERSHIP/MGMT.: BLM/ELY

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|---|---|
| ASTRAGALUS COMPACTUS VAR LONCHOCARPUS<br>LONG VALLEY MILK-VETCH | PROTECTION STATUS<br>FEDERAL: C2 NPS: NONE<br>NNHPS: N |

FIRST OBSERVED: ELEVATION: 6800 COUNTY: NYLING
LAST OBSERVED : PRECISION: M

TOWNSHIP/RANGE: 001N06EK QUADNAME: HIGHLAND PEAK
SECTION: 24 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HIGHLAND RANGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BARNEBY, R.C. 1954. LEAFLETS OF WESTERN BOT. 7(8):154.

OWNERSHIP/MGMT.: BLM/ELY,PRIVATE/WHEELER RANCH

| | |
|---|---|
| ASTRAGALUS UNCIALIS<br>CURRANT MILK-VETCH | PROTECTION STATUS<br>FEDERAL: C2 NPS: NONE<br>NNHPS: N |

FIRST OBSERVED: 1941 ELEVATION: 5300 COUNTY: NYWYEK
LAST OBSERVED : 1982-05-23 PRECISION: SC

TOWNSHIP/RANGE: 01N05EE QUADNAME: CURRANT MTN
SECTION: 04 TOWNSHIP COMMENT: & SECTIONS 3,5

DIRECTIONS TO SITE:
1 MI NE OF CURRANT, HWY 6, 0.4 MI FROM CURRANT, TOWARDS ELY, SCATTERED 0.5 MI

GENERAL SITE DESCRIPTION:
WITH ATRIPLEX, ARTEMISIA SPINESCENS, BUDDLEIA, SARCOBATUS, TETRADYMIA. IN
ALKALINE CLAY SOIL ON LOW EXPOSED HILL.

SPECIES DATA:
100 PLANTS OBSERVED HERE IN 1980.

INFO SOURCE: WILLIAMS 75-56-2 AND HOLLANDS. BARNEBY 1964, GOODRICH, S. 1975S.
STATUS EXPORT., RENO HERBARIUM 494106.
OWNERSHIP/MGMT.: BLM/NV

| CAMISSONIA BOOTHII SSP ALYSSOIDES<br>PINE CREEK EVENING-PRIMROSE | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: NONE |
|---|---|

FIRST OBSERVED: 1964 ELEVATION: 6060 COUNTY: NVLINC
LAST OBSERVED : 1964-07-15 PRECISION: M

TOWNSHIP/RANGE: 004S059E QUADNAME: CRESCENT SPRING
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
10 MI W OF HIKO

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: ANNOTATED BY JACK FISHER 1972. HERBARIUM LOG SHEET, UNLV #3083.

OWNERSHIP/MGMT.: BLM/ELY

| CASTILLEJA SALSUGINOSA<br>MONTE NEVA PAINTBRUSH | PROTECTION STATUS<br>FEDERAL: C1 NRS: CE<br>NNNPS: E |
|---|---|

FIRST OBSERVED: 1944 ELEVATION: 6050 COUNTY: NVWHIT
LAST OBSERVED : 1980-06-18 PRECISION: SC

TOWNSHIP/RANGE: 021N063E QUADNAME: MONTE NEVA HOT SPRINGS
SECTION: 24 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CA. 17.5 - 21 MILES N OF McGILL & 5 MILES NW OF HWY 93 IN STEPTOE VALLEY, ALONG E EDGE OF EGAN RANGE, MONTE NEVA HOT SPRING.

GENERAL SITE DESCRIPTION:
ON SALINE, POWDERY SOIL WITH N TO E EXPOSURE. WITH DODECATHON, IVESIA KINGII, DISTICHILIS, SHADSCALE ON SLOPING SEEPAGE AREAS. WHITE CRUSTY LOAM OF WASH DRAINING HOT SPRINGS.
SPECIES DATA:
MANY SMALL PLANTS OBSERVED, IN FLOWER. OTHER DATES SUGGEST FLUCTUATIONS IN POPULATION SIZE. ONLY KNOWN SITE SINCE ORIGINAL NAMING. COMMON IN 1966, NO DATA 1988.

INFO SOURCE: ANN PINZL 3142. HOLMGREN 2764. WILLIAMS, 78-166-7, 81-14-5., RENO HERBARIUM 43014, 54313. UNLV 9477, 15656.
OWNERSHIP/MGMT.: PRIVATE/GEORGE SWALLOW,BLM/ELY

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OWNERSHIP\NCMT: PRIVATE\GEORGE SHAYLOR\RUN\KTA
HERBARIUM VOUCHER: Sedge, Ohio, Avis, 19888
INFO SOURCE: NAN FINDT STAT: HOLDOVER SAMP: ELIPTIMUS 18-108-5 BI-TO-P NAMD

TAXA:
POPULATION SIZE: ONLY ENGAN FILE SINGS DETECTED: MAKING COMMON IN TOWS NO CLAY
   NUMA SEAFT BINARE OBSERVED: IN LOCAL OLDER DUTES SUCCESS EXPLOITATIONS IN
SPECIES DATA:
DRAINING NOT SERIOUS
DIFFICULTIES: SHADSCAPE ON STORING DEPARTS AREAS: WHILE CHOSEN DOWN OF MUSH
   ON SAVINE: POMDEKA POST MITH R TO E EXPOSURE: WITH DODECYTHON: LAXSIV KINGIT
GENERAT SITE DESCRIPTION:

ALONG E EDGE OF ROAD EXPOSE: MOSTLY DEAD NOT SEEING:
   GA: 15'2 - 21 MILES N OF MOSSITT P 3 MILES NW OF NMA 35 IN SELECTION AREA
DIRECTIONS ON SITE:

SECTION: NW                    TOWNSHIP COUNTY:
TOWNSHIP\RANGE: 05TNO03R       QUADNAME: MOSTLY DEAD NOT SEEING

LAST OBSERVED : 1980-08-29     PRECISION:  SC
FIRST OBSERVED: 1944           ELEVATION:  8020    COUNTY: HAMMIL
-----------------------------------------------------------------------
|                                                  | OWNER: E                |
|  MOSTLY DEAD PAINTERBRUSH                        | FEDERAL: CT     NRS: CR |
|  CASTILLEJA SULPHUROSA                           | PROTECTION STATUS       |
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OWNERSHIP\NCMT: NLM\KTA

INFO SOURCE: VOUCHED BY LACK KIRSER 1947 HERBARIUM FOR SMALL GUMA KIMM

SPECIES DATA:

GENERAT SITE DESCRIPTION:

   TO MI N OF HIED
DIRECTIONS TO SITE:

SECTION: D                     TOWNSHIP COUNTY: DESCHNABAKED
TOWNSHIP\RANGE: 0015S03E       QUADNAME: CRESCENT SPRING

LAST OBSERVED : 1987-07-18     PRECISION:  M
FIRST OBSERVED: 1984           ELEVATION:  8000    COUNTY: HATING
-----------------------------------------------------------------------
|                                                  | OWNER: NONE             |
|  PINE CREEK PLANTAE-PRIMROSE                     | FEDERAL:        NRS: NONE |
|  OENOTHERA BOOGIE SEE MARGOTDES                  | PROTECTION STATUS       |
-----------------------------------------------------------------------
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| CORYPHANTHA VIVIPARA VAR ROSEA<br>CLOKEY'S PINCUSHION | PROTECTION STATUS<br>FEDERAL: 3C NRS: CY<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1986 ELEVATION: 5650 COUNTY: NVNYEX
LAST OBSERVED : 1986-05-31 PRECISION: S

TOWNSHIP/RANGE: 006N062E QUADNAME: SUNNYSIDE
SECTION: 09 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
WHITE RIVER VALLEY, EGAN RANGE, AT MOUTH OF TROUGH SPRING CANYON.

GENERAL SITE DESCRIPTION:
DESERT SCRUB, SANDY CLAY SOIL.

SPECIES DATA:

INFO SOURCE: THORNE 902 AND WELSH (BYU). RENO 52958.

OWNERSHIP/MGMT.: BLM/ELY

| CORYPHANTHA VIVIPARA VAR ROSEA<br>CLOKEY'S PINCUSHION | PROTECTION STATUS<br>FEDERAL: 3C NRS: CY<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1979 ELEVATION: 8500 COUNTY: NVLINC
LAST OBSERVED : 1979-06-06 PRECISION: G

TOWNSHIP/RANGE: 003S059E QUADNAME: MAIL SUMMIT
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CA. 1 MI FROM SOUTHPAW MINING CAMP ON MT. IRISH.

GENERAL SITE DESCRIPTION:
LIMESTONE OUTCROPS, W-FACING SLOPES WITH COWANIA COMMUNITY.

SPECIES DATA:

INFO SOURCE: HARRISON 13167 AND THORNE. RENO 46919. BYU.

OWNERSHIP/MGMT.: BLM/ELY

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|---|---|
| CORYNEBACTRIA VITIFERA VAN ROSSA<br>CLOKEY'S PINCUSHION | PROTECTION STATUS<br>FEDERAL: 3C NRS: CY<br>NNHPS: D |

FIRST OBSERVED: 1979 ELEVATION: 8500 COUNTRY: NYLING
LAST OBSERVED : 1979-05-06 PRECISION: C

TOWNSHIP/RANGE: 003N085E QUADNAME: MAIL SUMMIT
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CA. 1 MI FROM SOUTHPAW MINING CAMP ON MT. IRLEN.

GENERAL SITE DESCRIPTION:
LIMESTONE OUTCROPS, N-FACING SLOPES WITH CONAMIA COMMUNITY.

SPECIES DATA:

INFO SOURCE: HARRISON LILEY AND THOMAS, RENO 45919, NV.

OWNERSHIP/MGMT.: BLM/ELY

| CRYPTANTHA WELSHII<br>WELSH'S CAT'S-EYE | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1979 ELEVATION: 5300 COUNTY: NVNYEX
LAST OBSERVED : 1980-05-30 PRECISION: S

TOWNSHIP/RANGE: 007N061E QUADNAME: SUNNYSIDE NW
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
WHITE RIVER VALLEY, N OF KIRCH WILDLIFE MGMT. AREA BY CA. 4 AIR MI

GENERAL SITE DESCRIPTION:
ON LIMESTONE HILL IN VALLEY CENTER, ON WHITE OUTCROPS.

SPECIES DATA:

INFO SOURCE: THORNE & PRIGGE. 1982. GREAT BASIN NAT. 42(2):196-8.

OWNERSHIP/MGMT.: BLM/ELY

| CRYPTANTHA WELSHII<br>WELSH'S CAT'S-EYE | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1979 ELEVATION: 6400 COUNTY: NVWHIT
LAST OBSERVED : 1980-06-05 PRECISION: SC

TOWNSHIP/RANGE: 015N060E QUADNAME: PRESTON RESERVOIR
SECTION: 24 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
WHITE RIVER VALLEY, JAKES WASH ALONG NW EDGE OF EGAN RANGE

GENERAL SITE DESCRIPTION:
PINYON-JUNIPER AND DESERT SHRUB COMMUNITIES AND MOUND-FORMING PLANTS. ON WHITE, TUFFACEOUS OUTCROPS.

SPECIES DATA:

INFO SOURCE: THORNE & PRIGGE. 1982. GREAT BASIN NAT. 42(2):196-8.

OWNERSHIP/MGMT.: BLM/ELY

COMMENTS\NCMT': BTM\ETA

INFO SOURCE: INCORNT & PATCCE' 1981' CENTAT BASIN NAT' 43(5):158-8'

SPECIES DATA:

WHITE' INTERCHOOR CONCHOOS'
PINION-JUNIPER AND DESERT SHRUB COMMUNITIES AND WOUND-POKTING BETWEEN' ON
GENERAL SITE DESCRIPTION:

WHITE RIVER AUTTEX' TAKES MUCH ALONG AN EDGE OF ECUN MANCE
DIRECTIONS TO SITE:

SECTION: S4 COMMENTS COMMENT: UNSUNKEYED
COMMENTS\RANGE: 01SN0S0E COUNTRYNE: PRESION RESERVOIR

FIRST OBSERVED : 1980-09-02 PRECISION: SC
LATEST OBSERVED: 1981 ELEVATION: 8400 COUNTY: RANKIN

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|---|---|
| METSH,S CYL,S-EXE<br>CRATTYNINY METSHII | NUMBER: M<br>FEDERAL: CS NEW: NONE<br>PROTECTION STATUS |

COMMENTS\NCMT': BTM\ETA

INFO SOURCE: INCORNT & PATCCE' 1981' CENTAT BASIN NAT' 43(5):158-8'

SPECIES DATA:

ON TIRESTONE HITT IN AUTTEX CENTER' ON WHITE DOTCROSS'
GENERAT SITE DESCRIPTION:

WHITE RIVER AUTTEX' N OF KIBOR MITOGTIE NCMT' VERY BY CY' 4 MIN NI
DIRECTIONS TO SITE:

SECTION: T1 COMMENTS COMMENT:
COMMENTS\RANGE: 00SN0S0E COUNTRYNE: SUNNYSIDE NW

FIRST OBSERVED : 1980-09-30 PRECISION: S
LATEST OBSERVED: 1981 ELEVATION: 8700 COUNTY: RANKIN

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|---|---|
| METSH,S CYL,S-EXE<br>CRATTYNINY METSHII | NUMBER: M<br>FEDERAL: CS NEW: NONE<br>PROTECTION STATUS |

| CRYPTANTHA WELSHII<br>WELSH'S CAT'S-EYE | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1979 ELEVATION: 0 COUNTY: NVNYEX
LAST OBSERVED : 1980-06-10 PRECISION: G

TOWNSHIP/RANGE: 003N057E QUADNAME: WADSWORTH RANCH
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GARDEN VALLEY, 18.4 MI S OF HOT CREEK CAMPGROUND

GENERAL SITE DESCRIPTION:
WITH CHRYSOTHAMNUS VISCIDIFLORUS-ARTEMISIA COMMUNITY. ON WHITISH, SANDY CLAY SLOPES.

SPECIES DATA:

INFO SOURCE: THORNE AND PRIGGE. 1982. GREAT BASIN NAT. 42(2):196-8.

OWNERSHIP/MGMT.: BLM/ELY

| CRYPTANTHA WELSHII<br>WELSH'S CAT'S-EYE | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1980 ELEVATION: 6000 COUNTY: NVWHIT
LAST OBSERVED : 1980-05-30 PRECISION: M

TOWNSHIP/RANGE: 012N061E QUADNAME: DOUGLAS
SECTION: 31 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
8 MI DOWN HWY 318 TOWARD LUND

GENERAL SITE DESCRIPTION:
GRAVEL KNOLLS.

SPECIES DATA:
COMMON, MOUND-FORMING.

INFO SOURCE: THORNE 875 AND WELSH. RENO HERBARIUM #54614.

OWNERSHIP/MGMT.: BLM/ELY

CRYPTANTHA WELSHII
WELSH'S CAT'S-EYE

PROTECTION STATUS
FEDERAL: C2 NRA: NONE
NNHPS: W

FIRST OBSERVED: 1980 ELEVATION: 6000 COUNTY: NYNHIX
LAST OBSERVED : 1980-05-30 PRECISION: M

TOWNSHIP/RANGE: 012N001E QUADNAME: DOUGLAS
SECTION: 31 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
8 MI DOWN HWY 318 TOWARD LIND

GENERAL SITE DESCRIPTION:
GRAVEL KNOLLS.

SPECIES DATA:
COMMON, MOUND-FORMING.

INFO SOURCE: THORNE 575 AND WELSH. REND NEBRASKA 454614.

OWNERSHIP/MGMT.: BLM/BLY

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CRYPTANTHA WELSHII
WELSH'S CAT'S-EYE

PROTECTION STATUS
FEDERAL: C2 NRA: NONE
NNHPS: W

FIRST OBSERVED: 1979 ELEVATION: 0 COUNTY: NYNHIX
LAST OBSERVED : 1980-06-10 PRECISION: G

TOWNSHIP/RANGE: 003N005E QUADNAME: NADSNORTH RANCH
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GARDEN VALLEY, 14.4 MI S OF HOT CREEK CAMPGROUND

GENERAL SITE DESCRIPTION:
WITH CHRYSOTHAMNUS VISCIDIFLORUS-ARTEMISIA COMMUNITY. ON MOTISH, SANDY CLAY SLOPES.

SPECIES DATA:

INFO SOURCE: THORNE AND PRIDE. 1982. GREAT BASIN NAT. 42(2):195-6.

OWNERSHIP/MGMT.: BLM/BLY

| CYMOPTERUS BASALTICUS<br>INTERMOUNTAIN WAVEWING | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1980 ELEVATION: 0 COUNTY: NVWHIT
LAST OBSERVED : 1980-05-21 PRECISION: M

TOWNSHIP/RANGE: 021N069E QUADNAME: BLUE MASS CANYON
SECTION: 01 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
PLEASANT VALLEY, CA 23 MI SE OF TIPPETTS

GENERAL SITE DESCRIPTION:
SILECEOUS GRAVELS. BENCHLAND. IN ARTEMISIA NOVA.

SPECIES DATA:

INFO SOURCE: B.F. HARRISON, 13241. AT RENO #59336.

OWNERSHIP/MGMT.: BLM/ELY

| CYMOPTERUS BASALTICUS<br>INTERMOUNTAIN WAVEWING | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1987 ELEVATION: 5800 COUNTY: NVWHIT
LAST OBSERVED : 1987-05-25 PRECISION: M

TOWNSHIP/RANGE: 015N067E QUADNAME: SOUTH BASTIAN SPRING
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SNAKE RANGE, AT OSCEOLA AND JUNCTION OF US 50.

GENERAL SITE DESCRIPTION:
EXPOSED WHITE KNOLLS WITH SARCOBATUS, WILLOW, AND PINYON-JUNIPER.

SPECIES DATA:

INFO SOURCE: THORNE 5317. UNLV HERBARIUM 27107.

OWNERSHIP/MGMT.: BLM/ELY

COMMENTS\MCMA': BIM\ETA

INFO SOURCE: JMOORE 2314' DATA MEMORANDUM 34204'

SPECIES DATA:

EXPOSED WHILE KNOLLS WITH SYMCOPHANTS' MILTON' AND BINION-JONTHER'
GENERAL SITE DESCRIPTION:

SNAKE RANGE' TA CRESCENT AND JUNCTION OF RN 20'
DIRECTIONS TO SITE:

SECTION: 32 TOWNSHIP COMMENTS:
TOWNSHIP\RANGE: 015N06E3E QUADNAME: SOUTH BASELINE SPRING

LAST OBSERVED : 1984-05-22 PRECISION: M
FIRST OBSERVED: 1984 ELEVATION: 2900 COUNTY: NAMMIT

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|---|---|
| INTERMOUNTAIN MYAENING<br>CANONTERNOS BASEATLICUS | NUMBER: M<br>FEDERAL: SC HRS: NONE<br>PROTECTION STATUS |

COMMENTS\MCMA': BIM\ETA

INFO SOURCE: R'A' HARRISON' 1232A' TA BEND 12232'

SPECIES DATA:

EIFECTORS CHAVEIS' BENCHLAND' IN VANTINIBIA NOAV'
GENERAL SITE DESCRIPTION:

EXERNAL AREIEA' CA 32 MI NE OF ATHENTS
DIRECTIONS TO SITE:

SECTION: 01 TOWNSHIP COMMENTS:
TOWNSHIP\RANGE: 015N06E QUADNAME: NOAE MASS CANYON

LAST OBSERVED : 1980-05-21 PRECISION: M
FIRST OBSERVED: 1980 ELEVATION: 0 COUNTY: NAMMIT

| | |
|---|---|
| INTERMOUNTAIN MYAENING<br>CANONTERNOS EMEMMAICHS | NUMBER: M<br>FEDERAL: SC HRS: NONE<br>PROTECTION STATUS |

| DRABA PENNELLII<br>PENNELL'S DRABA | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1985 ELEVATION: 6300 COUNTY: NVWHIT
LAST OBSERVED : 1985-05-14 PRECISION: S

TOWNSHIP/RANGE: 017N063E QUADNAME: RUTH
SECTION: 09 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
EGAN RANGE, HEUSSER MTN, HERCULES GAP AT THE S END OF THE MTN

GENERAL SITE DESCRIPTION:
GROWING IN THE CRACKS OF LIMESTONE ROCKS.

SPECIES DATA:
FLOWERS WHITE, FORMING CLUMPS TO 3 DM ACROSS.

INFO SOURCE: TIEHM, 9396 WILLIAMS AND ERTTER. HOUSED AT NSM.

OWNERSHIP/MGMT.: BLM/ELY

| DRABA PENNELLII<br>PENNELL'S DRABA | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1984 ELEVATION: 8600 COUNTY: NVWHIT
LAST OBSERVED : 1984-06-19 PRECISION: S

TOWNSHIP/RANGE: 024N062E QUADNAME: EXCHEQUER SPRING
SECTION: 25 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
CHERRY CREEK RANGE, PINENUT CANYON, 2.7 RD MI NE OF THE BUTTE VALLEY RD, NEAR LAST CHANCE MINE

GENERAL SITE DESCRIPTION:
GROWING IN LIMESTONE ROCK OUTCROPS.

SPECIES DATA:
PETALS WHITE.

INFO SOURCE: TIEHM, 8726 AND WILLIAMS. HOUSED AT NSM.

OWNERSHIP/MGMT.: BLM/ELY,PRIVATE/MINE SITE?

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|---|---|
| DRABA PENNELLII<br>PENNELL'S DRABA | PROTECTION STATUS<br>FEDERAL: NEW: NONE<br>NNNPS: 0 |

FIRST OBSERVED: 1985 ELEVATION: 6300 COUNTY: NYWHIT
LAST OBSERVED : 1985-05-14 PRECISION: S

TOWNSHIP/RANGE: 01N002E QUADNAME: ROTH
SECTION: 09 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
EGAN RANGE, HUSSER MTN, HERCULES CAP ON THE S END OF THE MTN

GENERAL SITE DESCRIPTION:
GROWING IN THE CRACKS OF LIMESTONE ROCKS.

SPECIES DATA:
FLOWERS WHITE, FORMING CLUMPS TO 3 DM ACROSS.

INFO SOURCE: TIRNM, 3196 WILLIAMS AND BRITTON, HOUSED AT NSN.

OWNERSHIP/MGMT.: BLM/BLY

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|---|---|
| DRABA PENNELLII<br>PENNELL'S DRABA | PROTECTION STATUS<br>FEDERAL: NEW: NONE<br>NNNPS: 0 |

FIRST OBSERVED: 1984 ELEVATION: 8800 COUNTY: NYWHIT
LAST OBSERVED : 1984-05-13 PRECISION: S

TOWNSHIP/RANGE: 02N002E QUADNAME: ROCHEQUER STRING
SECTION: 25 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
CHERRY CREEK RANGE, PINENUT CANYON, 2.7 KM NE/NE OF THE BUTTE VALLEY RD, NEAR
LAST CHANCE MINE

GENERAL SITE DESCRIPTION:
GROWING IN LIMESTONE ROCK OUTCROPS.

SPECIES DATA:
PETALS WHITE.

INFO SOURCE: TIRNM, 3196 AND WILLIAMS. HOUSED AT NSN.

OWNERSHIP/MGMT.: BLM/BLY, PRIVATE/MINE SITE

| DRABA PENNELLII<br>PENNELL'S DRABA | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1984 ELEVATION: 7200 COUNTY: NVWHIT
LAST OBSERVED : 1984-06-18 PRECISION: S

TOWNSHIP/RANGE: 015N067E QUADNAME: SOUTH BASTIAN SPRING
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SNAKE RANGE, 4.6 RD MI N OF OSCEOLA RD ON HWY 50, THEN 1.5 RD MI E, NEAR ROSE CAVE GUANO MINE

GENERAL SITE DESCRIPTION:
GROWING ON LIMESTONE.

SPECIES DATA:
PETAL REMNANTS WHITE.

INFO SOURCE: TIEHM 8704 AND WILLIAMS. HOUSED AT NSM.

OWNERSHIP/MGMT.: BLM/ELY

| DRABA SPHAEROIDES VAR CUSICKII<br>CUSICK'S DRABA | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1984 ELEVATION: 8600 COUNTY: NVWHIT
LAST OBSERVED : 1984-06-17 PRECISION: M

TOWNSHIP/RANGE: 024N062E QUADNAME: EXCHEQUER SPRING
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CHERRY CREEK RANGE, PINENUT CANYON, 2.2 RD MI NE OF BUTTE VALLEY ROAD, 0.5 MI BELOW LAST CHANCE MINE.

GENERAL SITE DESCRIPTION:
IN PINYON-JUNIPER DUFF.

SPECIES DATA:

INFO SOURCE: TIEHM 8729 AND WILLIAMS. RENO 57015.

OWNERSHIP/MGMT.: BLM/ELY

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|---|---|
| DRABA PENNELLII<br>PENNELL'S DRABA | PROTECTION STATUS<br>FEDERAL: HRS: NONE<br>NNHPS: D |

FIRST OBSERVED: 1984 ELEVATION: 7200 COUNTY: WYNNIT
LAST OBSERVED : 1984-06-12 PRECISION: S

TOWNSHIP\RANGE: 018N097E QUADNAME: SOUTH MASTIAN SPRING
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
PINAKE RANGE, 4.5 MI N OF CHECOLA RD ON HWY 50, THEN 1.5 RD MI E, NEAR SOME CAVE GUANO MINE

GENERAL SITE DESCRIPTION:
GROWING ON LIMESTONE.

SPECIES DATA:
PETAL REMNANTS WHITE.

INFO SOURCE: TIEHM 8704 AND WILLIAMS, SOUSED AT NSM.

OWNERSHIP\MGMT.: BLM\EIA

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|---|---|
| DRABA SPHAERODES VAR CUSICKII<br>CUSICK'S DRABA | PROTECTION STATUS<br>FEDERAL: 3C HRS: NONE<br>NNHPS: W |

FIRST OBSERVED: 1984 ELEVATION: 8500 COUNTY: WYNNIT
LAST OBSERVED : 1984-06-17 PRECISION: M

TOWNSHIP\RANGE: 024N066E QUADNAME: EXCHEQUER SPRING
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CHERRY CREEK RANGE, FINERGT CANYON, 2.2 MI NE OF BUTTE VALLEY ROAD, 0.5 MI BELOW LAST CHANCE MINE.

GENERAL SITE DESCRIPTION:
ON FINTCH-DOMINER DUST.

SPECIES DATA:

INFO SOURCE: TIEHM 8724 AND WILLIAMS, NEWO 8704A.

OWNERSHIP\MGMT.: BLM\EIA

| ERIOGONUM DARROVII<br>DARROW'S BUCKWHEAT | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1975 ELEVATION: 6100 COUNTY: NVWHIT
LAST OBSERVED : 1978-08-02 PRECISION: S

TOWNSHIP/RANGE: 012N066E QUADNAME: NORTH SPRING POINT
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
12 MI S OF MAJOR'S PLACE ON US 93. 1975: 11.5 MI S OF MAJOR'S PLACE, 50 METERS OFF HIGHWAY.

GENERAL SITE DESCRIPTION:
LIMESTONE OUTCROPS, LOW ROLLING HILLS. ARTEMISIA, CERATOIDES, AND CHRYSOTHAMNUS.

SPECIES DATA:

INFO SOURCE: WILLIAMS 78-290 AND TIEHM. RENO HERBARIUM 46977, 53412. REVEAL 3921.
OWNERSHIP/MGMT.: BLM/ELY

| ERIOGONUM DARROVII<br>DARROW'S BUCKWHEAT | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1979 ELEVATION: 6000 COUNTY: NVWHIT
LAST OBSERVED : 1979-08-17 PRECISION: S

TOWNSHIP/RANGE: 012N066E QUADNAME: NORTH SPRING POINT
SECTION: 01 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
7.6 MI S OF MAJOR'S PLACE IN NDOT RIGHT-OF-WAY, WESTWARD UP HILL 40 YDS BEYOND FENCE.

GENERAL SITE DESCRIPTION:
DESERT SHRUB COMMUNITY, LIMESTONE OUTCROPS.

SPECIES DATA:

INFO SOURCE: HARRISON 13213. RENO HERBARIUM 46921.

OWNERSHIP/MGMT.: BLM/ELY

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|---|---|
| ENTOCONON DARROVII<br>DARROW'S BUCKWHEAT | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNHPS: D |

FIRST OBSERVED: 1975 ELEVATION: 6100 COUNTY: NYWHIT
LAST OBSERVED : 1978-08-02 PRECISION: S

TOWNSHIP\RANGE: 012N065E QUADNAME: NORTH SPRING POINT
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
12 MI S OF MAJOR'S PLACE ON US 93. 1978: 11.7 MI S OF MAJOR'S PLACE. 50 METERS OFF HIGHWAY.

GENERAL SITE DESCRIPTION:
LIMESTONE OUTCROPS, LOW ROLLING HILLS. ARTEMISIA, CERATOIDES, AND CHRYSOTHAMNUS.

SPECIES DATA:

INFO SOURCE: WILLIAMS 78-290 AND TIMON, RENO HERBARIUM (NEV), 51472. REVEAL 1971.
OWNERSHIP\MGMT.: BLM\XIM

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|---|---|
| ENTOCONON DARROVII<br>DARROW'S BUCKWHEAT | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNHPS: D |

FIRST OBSERVED: 1979 ELEVATION: 6000 COUNTY: NYWHIT
LAST OBSERVED : 1979-08-17 PRECISION: S

TOWNSHIP\RANGE: 012N065E QUADNAME: NORTH SPRING POINT
SECTION: [illegible] TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
7.6 [illegible] S OF MAJOR'S PLACE IN NOOT RIGHT-OF-WAY, WESTWARD UP HILL 40 YDS BEYOND FENCE.

GENERAL SITE DESCRIPTION:
DESERT SHRUB COMMUNITY, LIMESTONE OUTCROPS.

SPECIES DATA:

INFO SOURCE: HARRISON 13213, RENO HERBARIUM (NEV).

OWNERSHIP\MGMT.: BLM\XIM

| ERIOGONUM HOLMGRENII<br>HOLMGREN'S BUCKWHEAT | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: T |
|---|---|

FIRST OBSERVED: 1954 ELEVATION: 11200 COUNTY: NVWHIT
LAST OBSERVED : 1972-07-19 PRECISION: SC

TOWNSHIP/RANGE: 012N068E QUADNAME: WHEELER PEAK
SECTION: 23 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
W SHOULDER OF LINCOLN PEAK, SNAKE RANGE

GENERAL SITE DESCRIPTION:
ALPINE TURF. WITH CAREX ELYNOIDES.

SPECIES DATA:
OCCASIONAL.

INFO SOURCE: GOODRICH. 1979. STATUS REPORT.

OWNERSHIP/MGMT.: USFS/HUMBOLDT,NPS/GREAT BASIN

| FORSELLESIA NEVADENSIS<br>NEVADA GREASEBUSH | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: NONE |
|---|---|

FIRST OBSERVED: 1984 ELEVATION: 6000 COUNTY: NVNYEX
LAST OBSERVED : 1984-05-22 PRECISION: SC

TOWNSHIP/RANGE: 010N058E QUADNAME: CURRANT MTN
SECTION: 24 TOWNSHIP COMMENT: J.T.ERROR: T11N

DIRECTIONS TO SITE:
CURRANT CREEK, AT S END OF WHITE PINE RANGE. 5.5 ROAD MILES NE OF CURRANT ON HWY 6

GENERAL SITE DESCRIPTION:
GROWING ON STEEP LIMESTONE OUTCROPS.

SPECIES DATA:

INFO SOURCE: TIEHM, 8465.

OWNERSHIP/MGMT.: BLM/ELY

COMMENTS\NOTE': NTA\ETA

INFO SOURCE: LITERT' PAPER'

SPECIES DATA:

BROWSING ON SLEEP TUMBLEWEED SHRUBS'
GENERAL SITE DESCRIPTION:

NW 2
CONTRAL CREEK' VL 2 END OF WHITE PINE RANGE' 2'2 ROUD MILES NE OF CONTRAL ON
DIRECTIONS TO SITE:

SECTION: 34 TOWNSHIP CONTRAL: 2'1'EMPON: ETTH
TOWNSHIP\RANGE: 07ON0025E GRADNAME: CONTRAL MTN

FIRST OBSERVED : 1984-02-23 PRECISION: SC
LAST OBSERVED: 1984 ELEVATION: 6000 COUNTY: NAMLEX

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|---|---|
| NEARBY CONTRASTOSH<br>PONSETTESIA NEADENSIS | MINES: NONE<br>FEDERAL: NPS: NONE<br>PROTECTION STATUS |

TOWNSHIP\NOTE': ASES\NONDOTLE'NPS\CENTAL PASTN

INFO SOURCE: GOODRICH' 1986' STATUS REPORT'

OCCASIONAL'
SPECIES DATA:

VIEWING TORT' WITH CYNEX ELANOIDES'
GENERAL SITE DESCRIPTION:

A SHOULDER OF TINCOTH PEAK' SNAKE RANGE
DIRECTIONS TO SITE:

SECTION: 33 TOWNSHIP CONTRAL: UNSURVEYED
TOWNSHIP\RANGE: 01S0060E GRADNAME: MERRITTS PEAK

FIRST OBSERVED : 1983-03-18 PRECISION: SC
LAST OBSERVED: 1984 ELEVATION: 11200 COUNTY: NAMNIX

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|---|---|
| BOTHERER'S BUCKWHEAT<br>ERIOGONUM BOTHERERII | MINES: 1<br>FEDERAL: C3 FED: NONE<br>PROTECTION STATUS |

| FORSELLESIA NEVADENSIS<br>NEVADA GREASEBUSH | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: NONE |
|---|---|

FIRST OBSERVED: 1984 ELEVATION: 7200 COUNTY: NVWHIT
LAST OBSERVED : 1984-06-18 PRECISION: SC

TOWNSHIP/RANGE: 014N067E QUADNAME: SOUTH BASTIAN SPRING
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SNAKE RANGE, 4.6 MILES N OF OSCEOLA JCT ON HWY 50, THEN 1.5 ROAD MILES E TO ROSE CAVE GUANO MINE

GENERAL SITE DESCRIPTION:
GROWING ON LIMESTONE NEAR ROSE CAVE GUANO MINE.

SPECIES DATA:

INFO SOURCE: NSM 2749 G.

OWNERSHIP/MGMT.: USFS/HUMBOLDT,NPS/GB,BLM?/ELY

| FORSELLESIA NEVADENSIS<br>NEVADA GREASEBUSH | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: NONE |
|---|---|

FIRST OBSERVED: 1985 ELEVATION: 6500 COUNTY: NVWHIT
LAST OBSERVED : 1985-05-14 PRECISION: SC

TOWNSHIP/RANGE: 019N064E QUADNAME: DUCK CREEK VALLEY
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
DUCK CREEK ROAD IN SCHELL CREEK RANGE. 2.5 MILES FROM HWY 93 IN GALLAGHER GAP

GENERAL SITE DESCRIPTION:
ON ROCKY HILLSIDE WITH CHRYSOTHAMNUS.

SPECIES DATA:

INFO SOURCE: WILLIAMS, 85-9-2.

OWNERSHIP/MGMT.: BLM?/ELY,PRIVATE?,USFS/HUMB.

COMMENTS\NCSA': STMA\EFA\ENTAIN'\NCSA\NONE'

INFO SOURCE: MILLIAMS' 82-6-3'

SPECIES DATA:

ON ROCKS: MATTSTONE WITH CHYSOCOLLAPHANE'

GENERAL SITE DESCRIPTION:

DOCK CREEK ROAD IN SCHEIT CREEK BASIN' 2.2 MILES FROM NWA 23 IN CUYAHOGA CAD

DIRECTIONS TO SITE:

SECTION: S2 TOWNSHIP COMMENT:

TOWNSHIP\RANGE: 01S0N05E CONDNAME: DOCK CREEK AUTTER

FIRST OBSERVED : 1982-02-14 PRECISION: SC

LAST OBSERVED: 1982 ELEVATION: 0000 COUNTY: HAMMIE

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|---|---|
| NEADY GREYSEEDSH<br>TONSETTERIA NEADYENSIS | MINES: NONE<br>FEDERAL: NUS: NONE<br>PROTECTION STATUS |

COMMENTS\NCSA': DSES\NONBOTAL'NEW\OS'STMA\EFA

INFO SOURCE: NEW STATS C'

SPECIES DATA:

CROWING ON TIMESTONE NEAR ROSE CAVE GRAND MINE'

GENERAL SITE DESCRIPTION:

ROSE CAVE GRAND MINE

SNAKE RANGE' 4.4 MILES N OF ESCHOLA ICT ON NWA 20' THEN 1.2 ROAD MILES E TO

DIRECTIONS TO SITE:

SECTION: S2 TOWNSHIP COMMENT:

TOWNSHIP\RANGE: 01N0D2E CONDNAME: SOUTH HUSTLAN BEPING

FIRST OBSERVED : 1984-09-15 PRECISION: SC

LAST OBSERVED: 1984 ELEVATION: 1280 COUNTY: HAMMIE

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|---|---|
| NEADY GREYSEEDSH<br>TONSETTERIA NEADYENSIS | MINES: NONE<br>FEDERAL: NUS: NONE<br>PROTECTION STATUS |

| FORSELLESIA NEVADENSIS<br>NEVADA GREASEBUSH | PROTECTION STATUS<br>FEDERAL: NRS: NONE<br>NNNPS: NONE |
|---|---|

FIRST OBSERVED: 1985 ELEVATION: 6800 COUNTY: NVWHIT
LAST OBSERVED : 1985-05-14 PRECISION: SC

TOWNSHIP/RANGE: 017N062E QUADNAME: MC GILL
SECTION: 09 TOWNSHIP COMMENT: ERROR IN TRS

DIRECTIONS TO SITE:
HEUSSER MOUNTAIN, AT HERCULES GAP, EGAN RANGE

GENERAL SITE DESCRIPTION:
ON LIMESTONE ROCKS.

SPECIES DATA:

INFO SOURCE: WILLIAMS, 85-7-1.

OWNERSHIP/MGMT.: BLM/ELY,USFS?

| FRASERA GYPSICOLA<br>SUNNYSIDE GREEN-GENTIAN | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1941 ELEVATION: 5200 COUNTY: NVNYEX
LAST OBSERVED : 1985-07- PRECISION: SC

TOWNSHIP/RANGE: 007N062E QUADNAME: SUNNYSIDE
SECTION: 19 TOWNSHIP COMMENT: SE4, S20 SW4,S30 NW4

DIRECTIONS TO SITE:
3 MI N OF SUNNYSIDE

GENERAL SITE DESCRIPTION:
8 INDIVIDUAL OUTCROPS.

SPECIES DATA:

INFO SOURCE: TIEHM. 1985. BLM STATUS RPT WITH K. LINDSEY.

OWNERSHIP/MGMT.: BLM/ELY

CONSOLIDATED NEVADENSIS
NEVADA MEADOWSEN

PROTECTION STATUS
FEDERAL: NONE
NNHPS: NONE

FIRST OBSERVED: 1985 ELEVATION: 6800 COUNTY: NYWHIT
LAST OBSERVED : 1985-05-14 PRECISION: SC

TOWNSHIP/RANGE: 01N004E QUADNAME: MC GILL
SECTION: 09 TOWNSHIP COMMENT: ERROR IN TRS

DIRECTIONS TO SITE:
NUSSER MOUNTAIN, AT HERCULES GAP, SNAN RANGE

GENERAL SITE DESCRIPTION:
ON LIMESTONE ROCKS.

SPECIES DATA:

INFO SOURCE: WILLIAMS, 85-4-1.

OWNERSHIP/MGMT.: BLM/ELY,DS?S?

TRAGNA GYPSICOLA
SUNNYSIDE GREEN-GENTIAN

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNHPS: N

FIRST OBSERVED: 1941 ELEVATION: 5200 COUNTY: NYWHEK
LAST OBSERVED : 1985-07- PRECISION: SC

TOWNSHIP/RANGE: 00N002E QUADNAME: SUNNYSIDE
SECTION: 19 TOWNSHIP COMMENT: BM, 530 SW4,S30 NW4

DIRECTIONS TO SITE:
1 MI N OF SUNNYSIDE

GENERAL SITE DESCRIPTION:
8 INDIVIDUAL OUTCROPS.

SPECIES DATA:

INFO SOURCE: TIAHN, 1986. NRA STATUS REV WITH K. LINDSEY.

OWNERSHIP/MGMT.: BLM/ELY

| FRASERA GYPSICOLA<br>SUNNYSIDE GREEN-GENTIAN | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1941 ELEVATION: 5190 COUNTY: NVNYEX
LAST OBSERVED : 1979-06-13 PRECISION: SC

TOWNSHIP/RANGE: 007N061E QUADNAME: SUNNYSIDE
SECTION: 36 TOWNSHIP COMMENT: NW4SW4, R62E S31

DIRECTIONS TO SITE:
WHITE RIVER VALLEY, 31 MI S OF LUND, 2 - 2.4 MI E OF HWY 38, NEAR SUNNYSIDE, BOTH WITHIN KIRCH WMA. ON RD TO HOT CREEK CAMPGROUND, N SIDE OF RD. 30.5 AIR MI S OF LUND.
GENERAL SITE DESCRIPTION:
IN SALT BUSH SCRUB WITH ENCELIA NUDICAULIS, ERIOGONUM SHOCKLEYI, SARCOBATUS, ATRIPLEX, ARTEMISIA, LEPIDIUM NANUM, F. ALBOMARGINATA. ON GYPSUM, CALCAREOUS SUBSTRATES.
SPECIES DATA:
LOCALLY ABUNDANT IN 1941. FEW IN 1975 (REVEAL). 5000 IN 1979 (HARRISON). 200+ IN 1980 (THORNE & WELSH). 1978: LOCALLY COMMON.

INFO SOURCE: PINZL 1917 & WILLIAMS. BARNEBY. 1942. LEAFLET WEST. BOT. 3(7):155-7. NSM 3108. HOLMGREN 8977 & HOLMGREN. RENO 58599.
OWNERSHIP/MGMT.: BLM/ELY,NDOW/KIRCH

| FRASERA GYPSICOLA<br>SUNNYSIDE GREEN-GENTIAN | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1941 ELEVATION: 5400 COUNTY: NVWHIT
LAST OBSERVED : 1986-08-17 PRECISION: SC

TOWNSHIP/RANGE: 011N061E QUADNAME: LUND
SECTION: 33 TOWNSHIP COMMENT: E2, SECTION 34 W2

DIRECTIONS TO SITE:
IN WHITE RIVER VALLEY SWAMP CEDAR POP, 24 MI N OF KIRCH WMA OR 10 MI SW OF LUND. BETWEEN SERRA WELL AND DOUGLAS POINT WELL.

GENERAL SITE DESCRIPTION:
IN JUNIPERUS SCOPULORUM-ATRIPLEX SCRUB WITH ERIOGONUM SHOCKLEYI, LEPIDIUM NANUM, SARCOBATUS. ON DRY SALINE BOTTOM ENVIRONMENT OF PLEISTOCENE DRAINAGE. OPEN MEADOWS, ALKALI SOIL.
SPECIES DATA:
400 INDIVIDUALS. KNIGHT OBSERVED 200 PLANTS IN 1986 AUGUST 25.

INFO SOURCE: KNIGHT 1538 AND ELLIOT-FISK. TIEHM 9773. BLM STATUS REPORT WITH K. LINDSEY 1985. NSM 5574 G, 4178 G.
OWNERSHIP/MGMT.: BLM/ELY

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| TRASSEA CYPSICOLA<br>SCORYSIEE GREEN-CENTIAN | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNHPS: N |

FIRST OBSERVED: 1941 ELEVATION: 5100 COUNTY: NYWHIT
LAST OBSERVED : 1985-08-17 PRECISION: SC

TOWNSHIP/RANGE: 01N06E QUADNAME: LUND
SECTION: 33 TOWNSHIP COMMENT: E2, SECTION 34 W2

DIRECTIONS TO SITE:
IN WHITE RIVER VALLEY SWAMP CEDAR POP. 24 MI W OF KIRCH WMA OR 10 MI NW OF LUND. BETWEEN SIERRA NEIL AND DOUGLAS POINT WELL.

GENERAL SITE DESCRIPTION:
IN JUNIPERUS SCOPULORUM-ATRIPLEX SCRUB WITH ERIOGONUM SHOCKLEYI, LEPIDIUM NANUM, SARCOBATUS, ON DRY SALINE BOTTOM ENVIRONMENT W/ FLEUROTOCNNE DRAINAGE. OPEN MEADOWS; ALKALI SOIL.
SPECIES DATA:
400 INDIVIDUALS. MIGHT OBSERVED 200 PLANTS IN 1984 AUGUST 25.

INFO SOURCE: WRIGHT 1984 AND ELLIOT-FISH. TIEMN 5773. SIM MIATTS REPORT SITE E.
LINDSEY 1985. HSM 5974 D, 4178 D.
OWNERSHIP/MGMT.: BLM/ELY

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| TRASSEA CYPSICOLA<br>SUNNYSIDE GREEN-CENTIAN | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNHPS: W |

FIRST OBSERVED: 1941 ELEVATION: 5100 COUNTY: NYWHIT
LAST OBSERVED : 1985-08-17 PRECISION: SC

TOWNSHIP/RANGE: 01N06E QUADNAME: LUND
SECTION: 33 TOWNSHIP COMMENT: E2, SECTION 34 W2

DIRECTIONS TO SITE:
IN WHITE RIVER VALLEY SWAMP CEDAR POP. 24 MI W OF KIRCH WMA OR 10 MI NW OF LUND. BETWEEN SIERRA NEIL AND DOUGLAS POINT WELL.

GENERAL SITE DESCRIPTION:
IN JUNIPERUS SCOPULORUM-ATRIPLEX SCRUB WITH ERIOGONUM SHOCKLEYI, LEPIDIUM NANUM, SARCOBATUS, ON DRY SALINE BOTTOM ENVIRONMENT W/ FLEUROTOCNNE DRAINAGE. OPEN MEADOWS; ALKALI SOIL.
SPECIES DATA:
400 INDIVIDUALS. MIGHT OBSERVED 200 PLANTS IN 1984 AUGUST 25.

INFO SOURCE: WRIGHT 1984 AND ELLIOT-FISH. TIEMN 5773. SIM MIATTS REPORT SITE E.
LINDSEY 1985. HSM 5974 D, 4178 D.
OWNERSHIP/MGMT.: BLM/ELY

| GILIA NYENSIS<br>NYE GILIA | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1980 ELEVATION: 4880 COUNTY: NVNYEX
LAST OBSERVED : 1981-05-23 PRECISION: S

TOWNSHIP/RANGE: 009N058E QUADNAME: CURRANT
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
5.5 - 6.0 MI SOUTH OF CURRANT ON DIRT ROAD TO NYALA.

GENERAL SITE DESCRIPTION:
SANDY SOIL WITH TETRADYMIA, SARCOBATUS, ATRIPLEX, ERIOGONUM KEARNEYI, CHRYSOTHAMNUS, AND ORYZOPSIS. ON PARTIALLY STABILIZED DUNES.

SPECIES DATA:

INFO SOURCE: WELSH 20574, 410. RENO HERBARIUM 53884, 53007.

OWNERSHIP/MGMT.: BLM/ELY

| HAPLOPAPPUS WATSONII<br>WATSON'S HAPLOPAPPUS | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1987 ELEVATION: 8400 COUNTY: NVLINC
LAST OBSERVED : 1987-07-23 PRECISION: MO

TOWNSHIP/RANGE: 003S059E QUADNAME: MAIL SUMMIT
SECTION: 31 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
PAHRANAGAT RANGE, MT. IRISH AREA AT THE NORTH END OF THE RANGE

GENERAL SITE DESCRIPTION:
STEEP ROCK OUTCROPS.

SPECIES DATA:

INFO SOURCE: TIEHM, A. COLLECTION #11405 HOUSED AT NSM.

OWNERSHIP/MGMT.: BLM/ELY

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| GILIA MYRNEIS<br>LYE GILIA | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |

FIRST OBSERVED: 1984 ELEVATION: 8460 COUNTY: NYNYEX
LAST OBSERVED : 1984-05-24 PRECISION: B

TOWNSHIP/RANGE: 009N058E QUADNAME: CURRANT
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
5.5 - 6.0 MI SOUTH OF CURRANT ON DIRT ROAD TO NYALA.

GENERAL SITE DESCRIPTION:
SANDY SOIL WITH TETRADYMIA, SARCOBATUS, ATRIPLEX, ERIOGONUM GRANNETI, CHRYSOTHAMNUS, AND OXYCOPSIS. ON PARTIALLY STABILIZED DUNES.

SPECIES DATA:

INFO SOURCE: WELSH 1987A, 4LO. PENO BERNARDINO 5368, 5380T.

OWNERSHIP/MGMT.: BLM/ELY

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|---|---|
| HAPLOPAPPUS WATSONII<br>WATSON'S HAPLOPAPPUS | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |

FIRST OBSERVED: 1987 ELEVATION: 8400 COUNTY: NYLING
LAST OBSERVED : 1987-07-23 PRECISION: MO

TOWNSHIP/RANGE: 023N059E QUADNAME: MAIL SUMMIT
SECTION: 31 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
PAHRANAGAT RANGE, MT. IRISH AREA AT THE NORTH END OF THE RANGE

GENERAL SITE DESCRIPTION:
STEEP ROCK OUTCROPS.

SPECIES DATA:

INFO SOURCE: TIERN. A. COLLECTION 21403 HOUSED AT NSM.

OWNERSHIP/MGMT.: BLM/ELY

| JAMESIA TETRAPETALA | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: NONE |
|---|---|

FIRST OBSERVED: ELEVATION: 7200 COUNTY: NVWHIT
LAST OBSERVED : PRECISION: M

TOWNSHIP/RANGE: 015N067E QUADNAME: SOUTH BASTIAN SPRING
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SNAKE RANGE, 4.6 MI NORTH OF OSCEOLA ROAD ON HWY 50, THEN 1.5 MI EAST.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: HOLMGREN AND HOLMGREN. 1989. BRITTONIA. 41(4):349. TIEHM AND WILLIAMS 8705 (NY +12).
OWNERSHIP/MGMT.: BLM/ELY

| LEPIDIUM NANUM<br>SOUTHWESTERN PEPPERGRASS | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1988 ELEVATION: 6440 COUNTY: NVWHIT
LAST OBSERVED : 1988-06-20 PRECISION: S

TOWNSHIP/RANGE: 016N057E QUADNAME: PANCAKE SUMMIT
SECTION: 06 TOWNSHIP COMMENT: SW4SW4

DIRECTIONS TO SITE:
S ON COUNTY RD FROM HWY 50 TOWARD GREEN SPRINGS CA 11 MI FROM HWY, 1000 FT W OF COUNTY RD

GENERAL SITE DESCRIPTION:
ECOTONE BETWEEN BLACK SAGE AND PINYON-JUNIPER. WITH L. PERFOLIATUM AND L. DENSIFLORUM. SANDY GRAVELLY LOAM.

SPECIES DATA:
1 INDIVIDUAL.

INFO SOURCE: VIERT, STEVE. 1988. FIELD SITE SHEET.

OWNERSHIP/MGMT.: BLM/ELY

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|---|---|
| JAMESIA TETRAPETALA | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNHPS: NONE |

FIRST OBSERVED: ELEVATION: 7200 COUNTY: NYWHIT
LAST OBSERVED : PRECISION: M

TOWNSHIP/RANGE: 01S006TE QUADNAME: SCOTT MASTIAN SPRING
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SNAKE RANGE, 4.5 MI NORTH OF OASIS ROAD ON HWY 50, THEN 2.5 MI EAST.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: HOLMGREN AND HOLMGREN. 1989. BRITTONIA. 41(4):345. TIERN AND WILLIAMS 8705 (NY +12).
OWNERSHIP/MGMT.: BLM/ELY

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|---|---|
| LEPIDIUM NANUM<br>SOUTHWESTERN PEPPERGRASS | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNHPS: D |

FIRST OBSERVED: 1988 ELEVATION: 6840 COUNTY: NYWHIT
LAST OBSERVED : 1988-05-20 PRECISION: S

TOWNSHIP/RANGE: 01S005TE QUADNAME: PANCAKE SUMMIT
SECTION: 06 TOWNSHIP COMMENT: SW&SW4

DIRECTIONS TO SITE:
S ON COUNTY RD FROM HWY 50 TOWARD GREEN SPRINGS CA 11 MI FROM HWY, 1000 FT W OF COUNTY RD

GENERAL SITE DESCRIPTION:
SCOTONE BETWEEN BLACK SAGE AND PINYON-JUNIPER. WITH E. EHRHARTATA AND L. HENRYFLORUM. SANDY GRAVELLY LOAM.

SPECIES DATA:
7 INDIVIDUAL.

INFO SOURCE: VIERT, STEVE. 1988. FIELD BIT SHEET.

OWNERSHIP/MGMT.: BLM/ELY

| LEWISIA MAGUIREI<br>MAGUIRE'S BITTERROOT | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1945 ELEVATION: 7500 COUNTY: NVNYEX
LAST OBSERVED : 1967-06-11 PRECISION: MO

TOWNSHIP/RANGE: 004N057E QUADNAME: ADAVEN
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
ABOUT 5 MI FROM SUMMIT (COMING IN FROM NYALA) NEARLY AT TOP OF HILL TO RIGHT OF RD, OX SPRING WASH

GENERAL SITE DESCRIPTION:
IN CLEARINGS IN PINYON-JUNIPER WOODLAND. LIMESTONE.

SPECIES DATA:

INFO SOURCE: WILLIAMS. 1981. STATUS REPORT.

OWNERSHIP/MGMT.: USFS/HUMBOLDT

| PENSTEMON FRANCISCI-PENNELLII<br>PENNELL'S PENSTEMON | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: OR |
|---|---|

FIRST OBSERVED: 1938 ELEVATION: 9700 COUNTY: NVWHIT
LAST OBSERVED : 1978-08-02 PRECISION: SC

TOWNSHIP/RANGE: 014N063E QUADNAME: ELY
SECTION: 16 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
TOP OF WARD MOUNTAIN, ABOVE WARD MINING DISTRICT, EGAN RANGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: WILLIAMS & TIEHM. UNR HERBARIUM SHEET.

OWNERSHIP/MGMT.: USFS/HUMBOLDT

COMMENTS\NOW : USED\NONDOCTL

INFO SOURCE: MILLIANS & FIENN' DUN RESERVATION SHEET'

SPECIES DATA:

CEMENT SITE DESCRIPTION:

LOG OF MAND MOUNTAIN' ABOUT MAND MINING DISTRICT' FROM MINE
DIRECTIONS TO SITE:

SECTION: 36 COMMENTS COMMENT:
COMMENTS\MINE: GIANGERE GRADIANE: ETA

TYPE OBSERVED : 1949-09-05 PRECISION: .SC
FIRST OBSERVED: 1898 ELEVATION: 3800 COUNTY: HAMMIE

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| BENNETT,S BENGLEMON<br>BENGLEMON FRANCISCI-BENNETTII | NUMBER: 08<br>REFERENT: 3C MES: NONE<br>PROTECTION STATUS |

COMMENTS\NOW : USED\NONDOCTL

INFO SOURCE: MILLIANS' 1881' STATES REPORT'

SPECIES DATA:

IN CLEARINGS IN BINION-UNDER MOODLAND' TIMESTONE'
CEMENT SITE DESCRIPTION:

OF RD' OF SERING MUSE
ABOUT 2 MI FROM SUMMIT (COMING IN FROM MAYTA) REMAIN AT TOP OF HILL TO RIGHT
DIRECTIONS TO SITE:

SECTION: 0 COMMENTS COMMENT: UNSUPERVISED
COMMENTS\MINE: GOVNORAE GRADNAME: VOYAEN

TYPE OBSERVED : 1951-09-11 PRECISION: NO
FIRST OBSERVED: 1949 ELEVATION: 1200 COUNTY: HAMMIE

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|---|---|
| MCCOLLUM,S DILLENSOUS<br>TERMINIA MCCLINNI | NUMBER: 8<br>REFERENT: CS MES: NONE<br>PROTECTION STATUS |

| PENSTEMON FRANCISCI-PENNELLII<br>PENNELL'S PENSTEMON | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: OR |
|---|---|

FIRST OBSERVED: 1938 ELEVATION: 9300 COUNTY: NVWHIT
LAST OBSERVED : 1977-07-18 PRECISION: SC

TOWNSHIP/RANGE: 015N063E QUADNAME: ELY
SECTION: 31 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
EGAN RANGE, UPPER TERRACE, 16 AIR KM SSW OF ELY

GENERAL SITE DESCRIPTION:
ON SAGEBRUSH SLOPES OFTEN WITH PENSTEMON WATSONII.

SPECIES DATA:
LOCALLY COMMON TO FREQUENT.

INFO SOURCE: HOLMGREN, PAT AND NOEL. UNR HERBARIUM SHEET.

OWNERSHIP/MGMT.: USFS/HUMBOLDT,BLM/ELY

| PENSTEMON LEIOPHYLLUS VAR KECKII<br>KECK'S BEARDTONGUE | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1913 ELEVATION: 7000 COUNTY: NVWHIT
LAST OBSERVED : 1928-07-06 PRECISION: SC

TOWNSHIP/RANGE: 012N069E QUADNAME: KIOUS SPRING
SECTION: 13 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
SNAKE CREEK, SNAKE RANGE

GENERAL SITE DESCRIPTION:
ON SUNNY SLOPES.

SPECIES DATA:

INFO SOURCE: WOODBURY, KATY. 1980E. STATUS REPORT. JAEGER (CAS).

OWNERSHIP/MGMT.: USFS/HUMBOLDT,NPS/GREAT BASIN

PENSTEMON FRANCISCI-FERMINIAE
PENNELL'S PENSTEMON

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNHPS: OR

FIRST OBSERVED: 1978 ELEVATION: 9300 COUNTY: NYANZIT
LAST OBSERVED : 1977-07-14 PRECISION: SC

TOWNSHIP/RANGE: 01S006E QUADRANGE: NLY
SECTION: 21 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
BOAN RANGE. UPPER TERRACE, 44 AIR MI SW OF SLAT-L

GENERAL SITE DESCRIPTION:
ON SAGEBRUSH SLOPES OPEN WITH PENSTEMON WATTONII.

SPECIES DATA:
LOCALLY COMMON TO FREQUENT.

INFO SOURCE: HOLMGREN, VAT AND NOEL. UNM HERBARIUM SHEET.

OWNERSHIP/MGMT.: USFS/RUMBOLDT,BIA/ELY

PENSTEMON LEIOPHYLLUS VAR FECUNI
KECK'S BEARDTONGUE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNHPS: W

FIRST OBSERVED: 1913 ELEVATION: 7000 COUNTY: NYANZIT
LAST OBSERVED : 1928-07-06 PRECISION: SC

TOWNSHIP/RANGE: 01N005E QUADRANGE: KIOUS SPRING
SECTION: 13 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
SNAKE CREEK. SNAKE RANGE

GENERAL SITE DESCRIPTION:
ON SUNNY SLOPES.

SPECIES DATA:

INFO SOURCE: MOSSMANN, RATY. 1980. STATUS REPORT. JAEGER (CAS).

OWNERSHIP/MGMT.: USFS/HUMBOLDT,NEV/GREAT BASIN

| PENSTEMON MORIAHENSIS<br>MT. MORIAH BEARDSTONGUE | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1979 ELEVATION: 7200 COUNTY: NVWHIT
LAST OBSERVED : 1979-06-25 PRECISION: S

TOWNSHIP/RANGE: 022N069E QUADNAME: TIPPETT CANYON
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
0.3 MI SE OF SUMMIT, KERN MOUNTAINS

GENERAL SITE DESCRIPTION:
PINYON-JUNIPER SAGEBRUSH. QUARTZITE.

SPECIES DATA:

INFO SOURCE: WILLIAMS 79-94-3. NSM HERBARIUM.

OWNERSHIP/MGMT.: BLM/ELY

| PENSTEMON PATRICUS<br>FATHER'S PENSTEMON | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |
|---|---|

FIRST OBSERVED: 1891 ELEVATION: 6000 COUNTY: NVWHIT
LAST OBSERVED : 1891-06-23 PRECISION: G

TOWNSHIP/RANGE: 023N070E QUADNAME: WEAVER CANYON
SECTION: 15 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SPRING CREEK, N OF KERN MOUNTAINS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: COLLECTED BY M.E. JONES. HOLMGREN, N. 1979. BRITTONIA. 31(2):217-42.
OWNERSHIP/MGMT.: BLM/ELY,BI/GOSHUTE

OWNERSHIP\NOMI': BLM\ELY
TIP(S):SIZ-45'
INFO SOURCE: COLLECTED BY W.E. JONES' NOTICED' W' 1948' DETERIORIT'

SPECIES DATA:

CURRENT SITE DESCRIPTION:

SPRING CREEK' 4 CO KEWN MOUNTAINS
DIRECTIONS TO SITE:

SECTION: 19 TOWNSHIP COMMENT:
TOWNSHIP\RANGE: 023N0020E QUADNAME: NEVADA CANYON

LAST OBSERVED : 1987-00-23 PRECISION: C
FIRST OBSERVED: 1987 ELEVATION: 2000 COMMON: NAMMIL

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|---|---|
| FATHER;S BROMELENGA<br>PENSTEMON PARIGIOS | MINES: D<br>ABUNDANT: 20 MIG: NONE<br>PROTECTION STATUS |

OWNERSHIP\NOMI': BLM\ELY

INFO SOURCE: MILLIONS 15-55-5' NOW HERBARIUM'

SPECIES DATA:

AIMADON-TOWNSEN SAGEBRUSH' CONVERTILE'
CURRENT SITE DESCRIPTION:

0'3 MI SE OF SUMMIT' KEWN MOUNTAINS
DIRECTIONS TO SITE:

SECTION: 33 TOWNSHIP COMMENT:
TOWNSHIP\RANGE: 023N0050E QUADNAME: ALBERTI CANYON

LAST OBSERVED : 1993-00-15 PRECISION: B
FIRST OBSERVED: 1993 ELEVATION: 1500 COMMON: NAMMIL

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| NA' NORTH BEAVERDAMNONE<br>PENSTEMON NORTHAMESIS | MINES: N<br>ABUNDANT: 10 MIG: NONE<br>PROTECTION STATUS |

| SCLEROCACTUS BLAINEI<br>BLAINE'S PINCUSHION | PROTECTION STATUS<br>FEDERAL: C2 NRS: CY<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1980 ELEVATION: 5300 COUNTY: NVNYEX
LAST OBSERVED : 1981-05-23 PRECISION: S

TOWNSHIP/RANGE: 010N058E QUADNAME: CURRANT MTN
SECTION: 04 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
1.6 KM NE OF CURRANT. JUST AT SOUTHERN END OF WHITE PINE RANGE

GENERAL SITE DESCRIPTION:
GROWS IN GREASEWOOD, RABBITBRUSH, SHADSCALE, GALLETA, AND SAGEBRUSH COMMUNITY. IN LIMESTONE AND IGNEOUS GRAVEL WITH A CLAY MATRIX.

SPECIES DATA:
FROM 1586 M TO 1830 M.

INFO SOURCE: WELSH, S. 1985. GREAT BASIN NAT. 45(3):553-5.

OWNERSHIP/MGMT.: BLM/ELY,PRIVATE?

| SILENE SCAPOSA VAR LOBATA<br>LOBED CATCHFLY | PROTECTION STATUS<br>FEDERAL: 3C NRS: NONE<br>NNNPS: D |
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FIRST OBSERVED: ELEVATION: 7200 COUNTY: NVWHIT
LAST OBSERVED : 1979-06-17 PRECISION: M

TOWNSHIP/RANGE: 021N060E QUADNAME: DICKENSON WELL
SECTION: 18 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
BUTTE MOUNTAIN, CANYON 4.4 MI W OF THE W VALLEY RD, 32.5 MI NW OF MCGILL.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: HOLMGREN AND HOLMGREN 9335 (RENO). TIEHM, A. 1989.

OWNERSHIP/MGMT.: BLM/ELY

COMMENTS\MORE': BFW\EFA

INFO SOURCE: MORGAN' S' 1982' GREAT BASIN NAT' 42(3):322-2'

SPECIES DATA:

GENERAL SITE DESCRIPTION:

MOLLE MOUNTAIN' CANYON 6'6 MI'N OF THE W ANTELP MT' 23'2 MI NW OF MCGILL'
DIRECTIONS TO SITE:

SECTION: 18 COMMENTS COMMENTS:
COMMENTS\RANGE: 0190N0250E GROUNDNAME: DICKENSON MEFT

LAST OBSERVED : 1978-08-14 PRECISION: M
FIRST OBSERVED: ELEVATION: 1500 COUNTY: NANTIE

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|---|---|
| FORED CATCHETA<br>SILENE SCAPOSA VAR TORREY | NUMBER: M<br>FEDERAL: 3C HRS: NONE<br>PROTECTION STATUS |

COMMENTS\MORE': BFW\EFA'ENTRYDET

INFO SOURCE: MERGAN' S' 1982' GREAT BASIN NAT' 42(3):322-2'

SPECIES DATA:

1.0 MI NE OF 1970 M'
COMMUNITY' IR LIMESTONE AND IGNEOUS CLEAVET WITH A CLAY MATRIX'
GROWS IN CREYSEWOOD' RUBBITBRUSH' SAGEBRUSH' CATTELA' AND SNOWBERRY
GENERAL SITE DESCRIPTION:

1'6 MI NE OF COMMANT' THEL VA. BOULDERS END OF MHITE BIRF RANGE
DIRECTIONS TO SITE:

SECTION: 04 COMMENTS COMMENTS:
COMMENTS\RANGE: 0190N0250E GROUNDNAME: CHEVRANT MTN

LAST OBSERVED : 1987-08-33 PRECISION: S
FIRST OBSERVED: 1980 ELEVATION: 9300 COUNTY: NANTEX

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| ERYTHR'S BIRCSPIRION<br>HETEROCYCLIS ERYTHRI | NUMBER: A<br>FEDERAL: C3 HRS: C3<br>PROTECTION STATUS |

| SPHAERALCEA CAESPITOSA<br>JONES' GLOBE-MALLOW | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
|---|---|

FIRST OBSERVED: 1979 ELEVATION: 5200 COUNTY: NVNYEX
LAST OBSERVED : 1979-05-26 PRECISION: SC

TOWNSHIP/RANGE: 010N058E QUADNAME: CURRANT
SECTION: 04 TOWNSHIP COMMENT: & SECTIONS 8,9

DIRECTIONS TO SITE:
ALONG WEST SIDE OF HWY 6 FOR A MILE OR MORE N OF CURRANT

GENERAL SITE DESCRIPTION:

SPECIES DATA:
PLANTS DID NOT SET SEED, DRIED UP EARLY.

INFO SOURCE: WILLIAMS, M. 1979. FIELD SITE SHEET.

OWNERSHIP/MGMT.: PRIVATE,BLM/ELY

| TOWNSENDIA JONESII VAR TUMULOSA<br>CHARLESTON GROUND-DAISY | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNNPS: W |
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FIRST OBSERVED: 1985 ELEVATION: 5200 COUNTY: NVNYEX
LAST OBSERVED : 1985-06-25 PRECISION: S

TOWNSHIP/RANGE: 007N061E QUADNAME: SUNNYSIDE
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
WHITE RIVER VALLEY, W SIDE OF THE WHITE RIVER, CA 0.5 MI N OF SUNNYSIDE RD.

GENERAL SITE DESCRIPTION:
ON WHITE CALCAREOUS HILLS.

SPECIES DATA:

INFO SOURCE: TIEHM 9770 AND LINDSEY. TIEHM, A.

OWNERSHIP/MGMT.: BLM/ELY

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| SPHAERALCEA CARSPHYTOSA<br>JONES: GLOVE-MALLOW | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNHPS: N |

FIRST OBSERVED: 1979 ELEVATION: 4100 COUNTY: NYNYEX
LAST OBSERVED : 1979-05-26 PRECISION: SC

TOWNSHIP/RANGE: 01N05E QUADNAME: CURRANT
SECTION: 04 TOWNSHIP COMMENT: & SECTIONS 8,9

DIRECTIONS TO SITE:
ALONG WEST SIDE OF HWY 6 FOR A MILE OR MORE N OF CURRANT

GENERAL SITE DESCRIPTION:

SPECIES DATA:
-PLANTS DID NOT SET SEED, DRIED UP EARLY.

INFO SOURCE: WILLIAMS, M. 1979. FIELD SITE SHEET.

OWNERSHIP/MGMT.: PRIVATE,BLM/ELY

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|---|---|
| TOWNSENDIA JONESII VAR TUMULOSA<br>CHARLESTON GROUND-DAISY | PROTECTION STATUS<br>FEDERAL: C2 NRS: NONE<br>NNHPS: N |

FIRST OBSERVED: 1985 ELEVATION: 5200 COUNTY: NYNYEX
LAST OBSERVED : 1985-06-25 PRECISION: S

TOWNSHIP/RANGE: 20N06E QUADNAME: SUNNYSIDE
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
WHITE RIVER VALLEY, W SIDE OF THE WHITE RIVER, CA 0.7 MI N OF SUNNYSIDE RD.

GENERAL SITE DESCRIPTION:
ON WHITE CALCAREOUS HILLS.

SPECIES DATA:

INFO SOURCE: TIEHM 9220 AND LINDSAY, PIERN, A.

OWNERSHIP/MGMT.: BLM/ELY